

EXHIBIT 1026

Covers
Palm OS 4
For Windows
and Macintosh



**VISUAL
QUICKSTART
GUIDE**

J E F F C A R L S O N

PALM ORGANIZERS

S e c o n d E d i t i o n

*Teach yourself how to use Palm
devices the quick and easy way!*

*This Visual QuickStart Guide
uses pictures rather than lengthy
explanations. You'll be up and
running in no time!*

Covers all
Palm devices,
including:

Palm m505

Palm VII

HandEra

Sony CLIE

**Kyocera
Smartphone**

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Graffiti Improvement Tips

Simple tips for improving Graffiti recognition

- **Write large.** Feel free to use the full Graffiti area to write your letters—that way, more touch-sensitive sensors are registering your strokes.
- **Write at a natural speed.** If you write too slowly, you can confuse the sensors and generate errors.
- **Don't write on a slant.** Try to keep vertical strokes vertical, and horizontal strokes horizontal.

Alternate characters

If you're finding that the downstroke on the B is creating a D and vice-versa, or if you just want to write faster, there are a number of built-in alternate strokes that work just as well (or sometimes better) than the standard Graffiti set (Table 2.7).

TealEcho

Install TealEcho (<http://www.tealpoint.com/>) to see Graffiti characters as you write them. Having that visual feedback helps improve Graffiti skills by showing you exactly why your scribbles may be incomprehensible. See Chapter 8 for more about TealEcho.

TealScript

If you'd rather go in and tinker with each individual Graffiti character, install TealScript (<http://www.tealpoint.com/>). By marking the Enable Globally checkbox on the main screen, you can replace Palm's Graffiti alphabet (though you're not deleting the original) with the infinitely configurable TealScript. You're still using Graffiti, but you can set up a TealScript profile that reacts better to the way you write (Figure 2.14).

Table 2.7

Normal and Alternate Characters

LETTER	GRAFFITI	LETTER	GRAFFITI
A	Λ	T	7
B	B B 3	U	U
C	C <	V	V V
D	D Q Q	W	W
E	E E E	X	X X
F	F F	Y	Y Y r
G	G G	Z	Z
H	h	1	1
I	l	2	2 2
J	J J	3	3
K	K	4	4 C <
L	L L	5	5 5 S
M	M M	6	6
N	N N ~	7	7 7
O	O O	8	8 8 / 8
P	P P P	9	9
Q	Q U	0	0 0
R	R R R	æ	E
S	S S S		

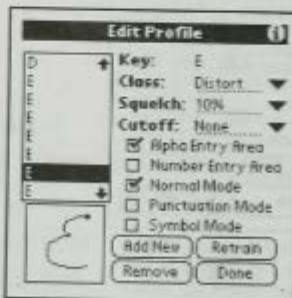


Figure 2.14 TealScript builds profiles based on your Graffiti usage.

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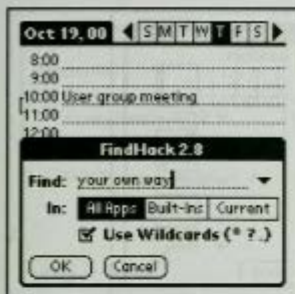


Figure 8.9 FindHack replaces the Palm OS's limited Find feature, adding Wildcards and a list of recent finds.



Figure 8.10 TealEcho draws the character you're currently writing.

FindHack

The built-in Find feature is effective, but limited. For example, you can only search for the beginning of a word (searching for "dear" yields "dearly," but not "endearment"). FindHack (<http://perso.wanadoo.fr/fpillet/>) provides the Find features that should have been built into the Palm OS.

To use FindHack:

1. To perform a search in any application, tap the silkscreened Find icon.
2. Write the text you wish to find; a popup menu to the right of the Find field lists the last six searches you performed, plus four permanent search terms that you can define (Figure 8.9).
3. Select whether you want the search to be performed in all applications, the four built-in applications, or only the current program.
4. Tap the Use Wildcards checkbox to access advanced options. A question mark (?) or period (.) will substitute for any character ("?ell" will find "bell" and "well"). An asterisk (*) matches character sequences ("dark*road" finds "dark road" and "dark and winding road").
5. Tap OK to begin the search.

TealEcho

Most of us are used to direct feedback when we write; for example, a pen's ink shows us what we're writing. TealEcho (<http://www.tealpoint.com/>) provides "digital ink" by displaying Graffiti characters as you write them, which often improves your Graffiti legibility (Figure 8.10).

Painting Basics

You're holding a stylus and a touch-sensitive screen. Doesn't it just make you want to draw a squiggly line, or a caricature of your best friend? Art historians will have a field day in the future with our creations, but there's no doubt that, given the same circumstances, most people will doodle—even just a little bit.

There are several painting programs available, but the one I'll use as an example is TealPaint (<http://www.tealpoint.com/>). In addition to basic painting tools, it offers the ability to zoom in on a picture, select elements by drawing a marquee around them, and insert text.

To sketch using TealPaint:

1. When you first launch the program, you're asked to name a new image database where your pictures will be stored. Several image databases can coexist on the same device (**Figure 13.1**).
2. Tap the New button to create a new image, appropriately named New Image.
3. Select a painting tool (such as pencil, line tool, or geometric shape) from the second button from the left at the bottom of the screen (**Figure 13.2**).
4. The third button from the left chooses the pattern. Tap it to determine what type of "ink" the painting tool will use. If you're using a color device, choose the foreground color from the color swatch next to the Undo button (**Figure 13.3**).
5. Specify the size and shape of the painting tool by tapping the fourth button from the left. Sketch away! You can undo the previous action by tapping the Un button. Tapping the Grid snap selector in the lower-left corner constrains some tools to an invisible 8 by 8-pixel grid.

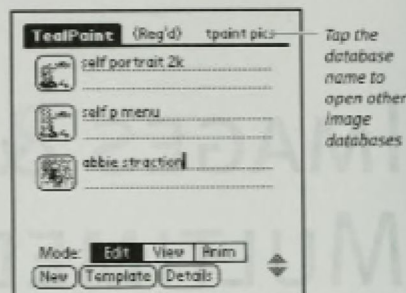


Figure 13.1 You can store many images within multiple TealPaint databases. Tap a thumbnail to view and edit a drawing.

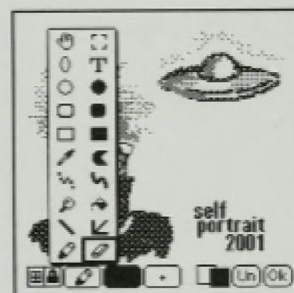


Figure 13.2 Using TealPaint's painting tools, you can add a few happy UFOs (or trees, or whatever) to your masterpiece.

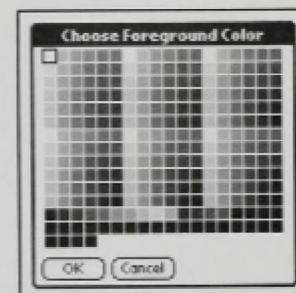


Figure 13.3 (Time to use your imagination again in my grayscale book.) Now you can paint in color if you own a color handheld.

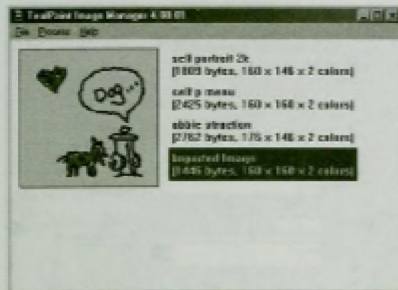


Figure 13.4 TealPaint Image Manager extracts your images from the TealPaint databases on the handheld.

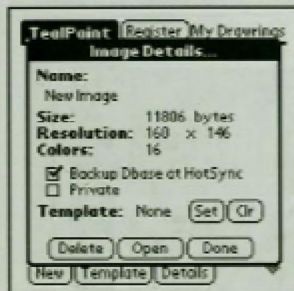


Figure 13.5 Tapping Details displays the file size and image dimensions. Tap Done to go back to the drawing screen, or Delete to remove the image entirely.

Exporting and Importing TealPaint Images

TealPaint comes with a Windows desktop utility called TealPaint Image Manager, which extracts images from TealPaint databases and saves them as Windows bitmap (.bmp) image files (it lets you print images as well). A bare-bones Mac utility is also available from the [TealPoint](http://tealpoint.com) Web site.

To export TealPaint images:

1. Perform a HotSync to update the database files on your desktop.
2. Launch TealPaint Image Manager, and select Open database from the File menu.
3. Databases are stored in the Backups folder located within your Palm user folder. In the TealPaint Image Manager program, open the database file, then click OK (Figure 13.4).
4. Click on an image name at right, then select Export image from database to .BMP from the Process menu.
5. Name the file, choose a location on your hard drive, then click the Save button.

To import images into TealPaint:

1. Make sure the image you want to transfer to TealPaint is in Windows bitmap format.
2. In TealPaint Image Manager, choose Import .BMP image into database. Locate your image file and click the Open button.

✓ Tips

- To remove the green coloring of a Palm image, click Yes in the dialog box asking if you want to force black and white colors when you export the file.
- To view information about an image on your handheld, tap Details (Figure 13.5).

Printing from Your Palm

Remember all the hoopla about paperless offices? A Palm device would seem to be the perfect antidote to mass paper consumption, but every now and again it would be handy to print something from your handheld. A few utilities will do just that: TealPrint (<http://www.tealpoint.com/>), PalmPrint (<http://www.stevenscreek.com/palm/>), and PrintBoy (<http://www.bachmannsoftware.com/printboy.htm>) enable you to connect to a variety of printers using either a special cable or, better yet, via infrared.

To print from your Palm device:

1. Launch your printing utility (I'm using PrintBoy as an example), and select the type of document you wish to print, or choose which application to print from (Figure 16.14).
2. If the printer is equipped with an infrared port, aim your handheld at the printer and tap the Print button (Figure 16.15).

✓ Tips

- If your printer doesn't have a built-in infrared port, consider buying the InfraReady adapter, an IR adapter that plugs into a printer's serial port (<http://www.bachmannsoftware.com/>).
- Sometimes it's just easier to print out a portion of your schedule and share it with someone. If you're not near your PC, use one of these printing programs to output your appointments over a span of time (Figure 16.16).

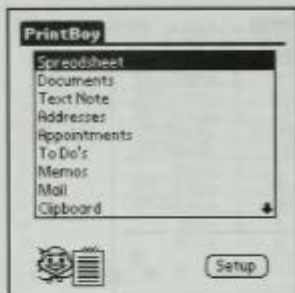


Figure 16.14 Don't wait to HotSync before printing something. Most document types can be printed directly from your handheld.



Figure 16.15 Printing from the Memo Pad is as simple as reading a memo.

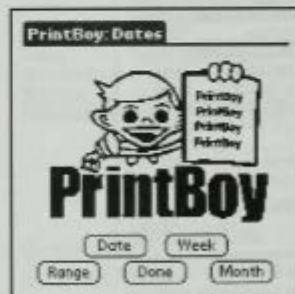


Figure 16.16 If you want to share a week's schedule, don't beam every event to someone else. Simply print the week's appointments.

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-  **Jeff Carlson** divides his time between his Seattle Web design company, Never Enough Coffee Creations (www.necoffee.com), and writing for publications such as *PalmPower*, *Macworld*, and *HOW Magazine*. He is the Managing Editor of the weekly electronic newsletter *TidBITS* (www.tidbits.com), a contributing editor at *PalmPower*, the co-author of *Real World Adobe GoLive*, and the author of *Handspring Visor: Visual QuickStart Guide* for Peachpit Press. His pioneering use of the Palm OS handhelds caused an epidemic of organizer purchases at his office, where he rushes around with his handheld asking, "Wanna see something cool?"



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