

# **EXHIBIT 1046**

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WHAT YOU NEED

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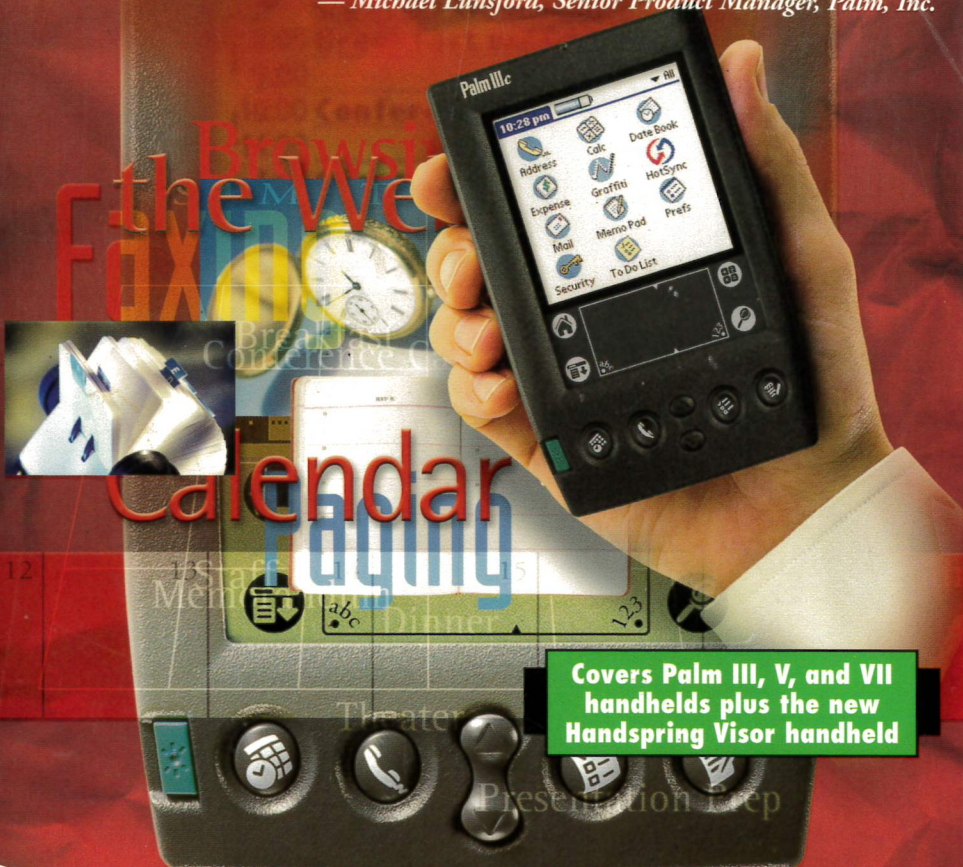
**Get** more out of your  
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— Michael Lunsford, Senior Product Manager, Palm, Inc.



Covers Palm III, V, and VII  
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# Palm OS<sup>®</sup>

# Bible

**Glenn Brown**

Foreword by Jeff Hawkins, founder of Palm Computing, Inc., and cofounder of Handspring, Inc.



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# If Palm OS can do it, you can do it too...

Palm OS handhelds are the most versatile PDA devices available. And this comprehensive guide is all you need to get the most out of your own handheld. Packed with insider tips and real-world examples, the *Palm OS® Bible* covers everything from Graffiti and Date Book basics to software enhancements for e-mail, financial management, OS performance, and much more. Complete with a CD-ROM loaded with great Palm OS applications, it's the one book you need to take your Palm handheld to the max.

## Inside, you'll find complete coverage of Palm OS handhelds

- Discover Graffiti enhancements, alternatives, and advanced strokes
- Get insider tips on maximizing the built-in organizer functions
- Use the HotSync function to synchronize your handheld with a Windows or Macintosh computer
- Master applications for lists, finances, text, travel, graphics, and games
- Learn the secrets of great communication, from faxes to e-mail to Web surfing
- Make your handheld run faster and smarter with HackMaster and other utilities
- Create your own custom Palm OS apps with Pendragon Forms
- Find out where to go for more great third-party applications



### 2000+ Palm applications from PalmGear H.Q.!

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Shareware programs are fully functional, free trial versions of copyrighted programs. If you like particular programs, register with their authors for a nominal fee and receive licenses, enhanced versions, and technical support. Freeware programs are free, copyrighted games, applications, and utilities. You can copy them to as many PCs as you like—free—but they have no technical support.

**Athlete's Diary™**

Date: Sun Aug 1, 1999

Sport: Running

Type: Training

Time: 40:00

Dist: ~5.0 km

Pace: 12:52.5 mpm

Route: a quick morning run to the falls and back

Notes: Wt=205

[Modify] [Duplicate] [Delete]

Keep a fitness log

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### System Requirements:

Pentium II class PC running Windows 98/NT/2000 or Power PC Running Mac OS 7.6 or higher; a Palm OS Device

**\$39.99** USA  
**\$59.99** Canada  
**£36.99** UK incl. VAT

**Reader Level:**  
Beginning to Advanced

**Shelving Category:**  
Handheld Devices/Palm/PCs



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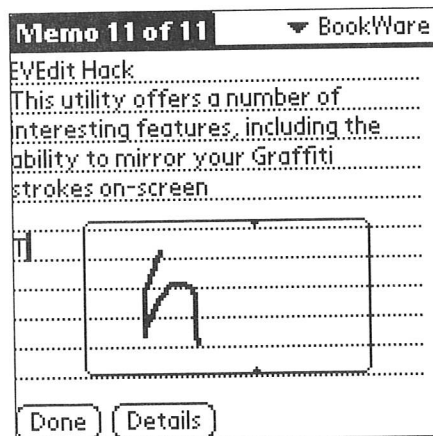


Figure 3-18: EYEdit

Cross-  
Reference

For more on HackMaster and other Hacks, see Chapter 22.

### ScreenWrite

*Developer:* Jeremy Radlow

*Cost:* \$5.00

*Footprint:* 16K

This HackMaster Hack enables you to write onscreen, and can be set to automatically capitalize characters drawn on the border between the text and numeric areas (see Figure 3-19).

### TealEcho

*Developer:* TealPoint Software

*Cost:* \$11.95

*Footprint:* 3K

TealEcho (see Figure 3-20) is the original of this group. It mirrors what you've written in the Graffiti area at the bottom of your Palm Organizer's screen.

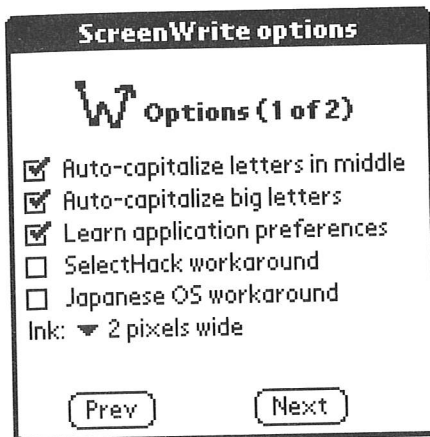


Figure 3-19: ScreenWrite options

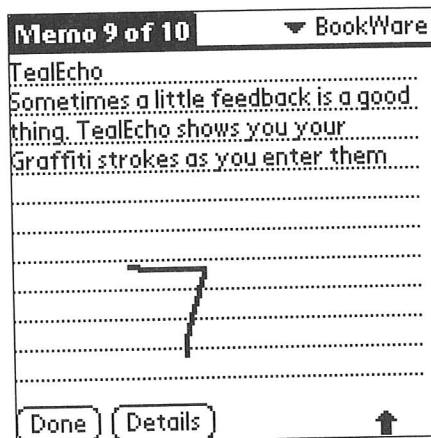


Figure 3-20: TealEcho

## Characters

One feature that programmers have created to make entering capitalized characters faster is to further divide the Graffiti area, so that capitals are drawn automatically if you draw in the center area. Graspeedy and MiddleCaps (along with ScreenWrite in Figure 3-19) use this method. CaseToggle helps with text manipulation. CharHack and SymbolHack help you enter symbols and other extended characters.

### Graspeedy

*Developer:* Daniel McCarty

*Cost:* \$4.95

*Footprint:* 6K

As shown in Figure 3-21, Graspeedy is a HackMaster Hack that lets you configure exactly which part of the screen should be used for capitals. With this utility enabled, Graffiti capitalizes strokes made in the middle of the screen. It also helps with some of the characters that you may find yourself mixing up: B/D, C/E, G/O, and U/V.

### MiddleCaps

*Developer:* Rui Oliveira

*Cost:* Freeware

*Footprint:* 7K

This HackMaster Hack (see Figure 3-22) takes a slightly different approach: you can specify that caps should be made if you start on or cross the text/numeric line.

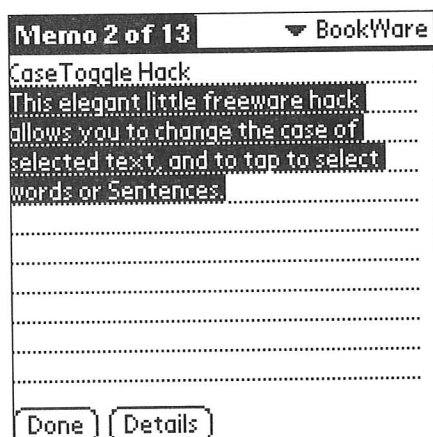


Figure 3-23: CaseToggle opening screen

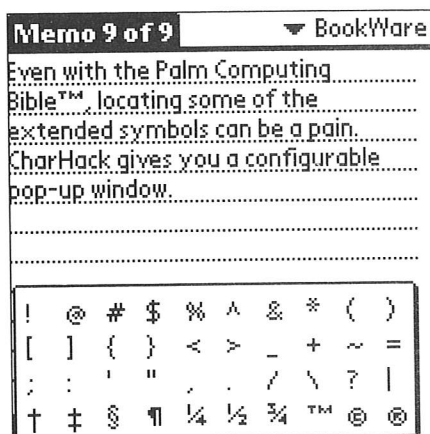


Figure 3-24: CharHack

## SymbolHack

Developer: Florent Pillet

Cost: \$6.00

Footprint: 8K

No excuses if you can't find a symbol with SymbolHack (see Figure 3-25). This little Hack gives you access to all of Graffiti's extended characters.

## TealScript

Developer: TealPoint Software

Cost: \$16.95

Footprint: 86K (+11K for e-manual)

Have you found that you can't get Graffiti to recognize how you do a G or a V (or any other character you have trouble with)? Wish you could make it recognize the way you wrote? You can — TealScript is a powerful Hack that lets you reconfigure Graffiti by adding or changing strokes to make it recognize your style of writing. It does take some work — you need to train it to recognize your writing (see Figure 3-26), but the result can pay off.

## TealDoc

*Author:* TealPoint Software

*Cost:* \$16.95

*Footprint:* 44K

Want to read documents on your Palm Organizer? There are all sorts of documents you could load on your Palm Organizer, including most of this book. The first thing you need is a document reader. TealDoc (Figure 11-25) supports graphics and text. See Chapter 14 for more on TealDoc and other document tools for your Palm Organizer.

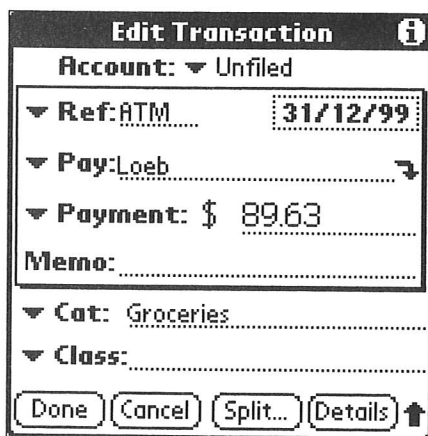


**Figure 11-24:** Pocket Quicken is a portable, miniature version of Quicken.

letters of their first name -- the odds are, you've entered the contact backwards, reversing the positions of the first and last names.

- If you later want to import records into a particular category, use the Category Filter to select your target category before importing; otherwise, you'll have to manually assign the category for each record.

- There is no reason that you can't



**Figure 11-25:** TealDoc supports graphics and text.

## Vehicle Log

*Author:* Little Wing Software

*Cost:* \$19.95

*Footprint:* 34K

If you keep a little logbook in your car to record gas mileage, this one is for you. Vehicle Log (Figure 11-26) tracks gas, trips, maintenance, and more for up to seven vehicles. See Chapter 11 more on Vehicle Log and other expense-tracking utilities.

## TealDoc

*Developer:* TealPoint Software

*Cost:* \$16.95 (shareware)

*Footprint:* 44K

TealPoint expanded the capabilities of the Doc format when it introduced TealDoc, which was the first document reader with the capability to embed graphics and links within documents. These are supported by preparing a text document with special HTML-style tags, which TealDoc converts appropriately (see Figure 14-5). Also included are support for multiple display fonts, bookmarks, and a find command. One unique feature is the capability to encrypt documents, with a password required either the first time or every time a document is opened on your Palm Organizer.

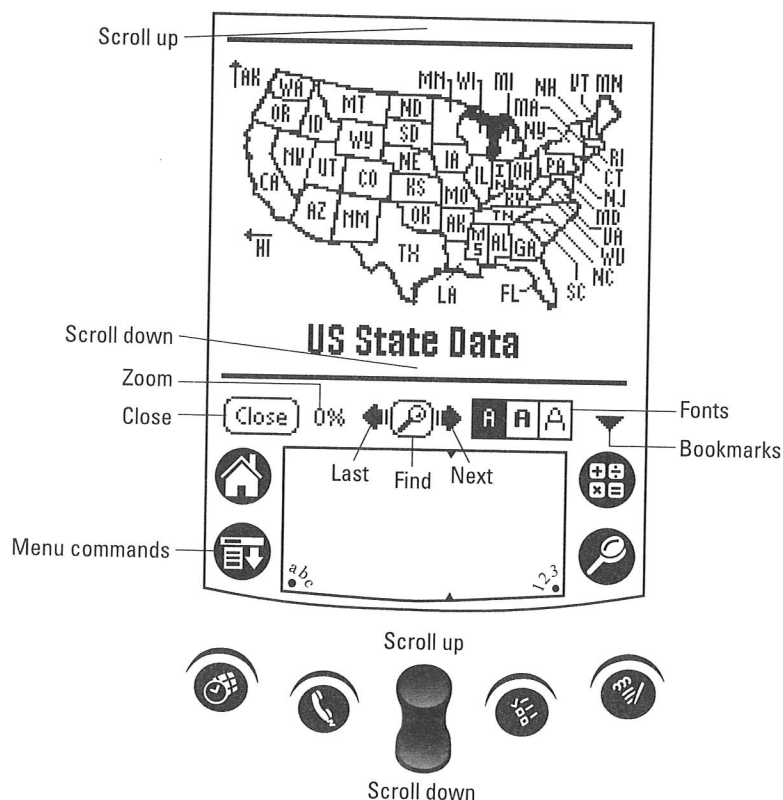


**Figure 14-5:** TealDoc

Tapping the Zoom (at 0 percent in Figure 14-6) will replace the find/fonts display with one that shows your scroll and AutoScroll status. The top bar shows where you are in the document, and you can drag the bar around to quickly jump to

another location. The bottom bar is the AutoScroll bar. The bar in the center turns solid black when AutoScroll is turned on, and the four buttons correspond to the hardware buttons on your Palm Organizer.

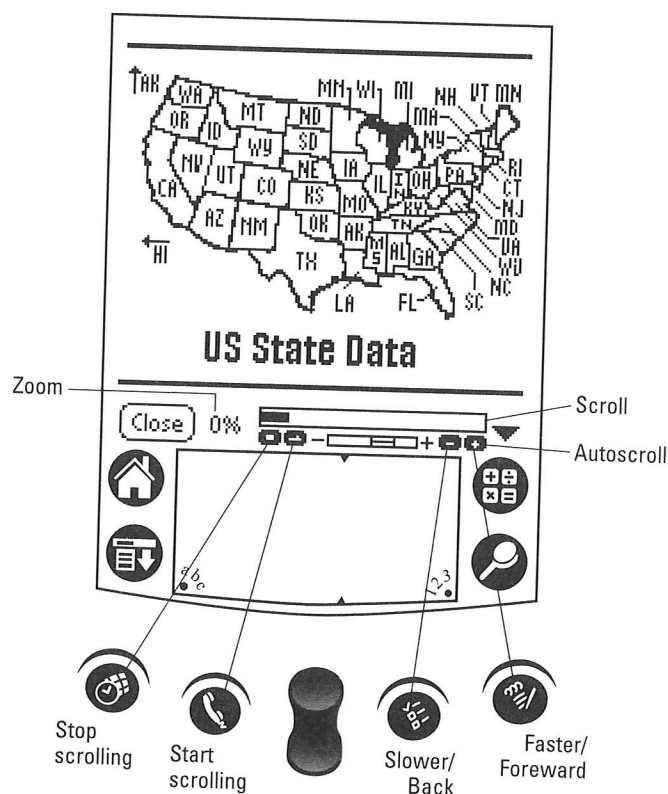


Figure 14-6: TealDoc AutoScroll bar

## CSpotRun

*Developer:* Bill Clagett

*Cost:* Freeware

*Footprint:* 16K

There have been numerous freeware document readers created for the Palm Organizer since Rick Bram released Doc. Yamada Tatsushi's shareware J-Doc was the first to enable you to rotate the screen, and CSpotRun (see Figure 14-7) is the only other that I know of that offers the same functionality. One useful feature is that the text can be scrolled up or down by tapping the top or bottom of the document, regardless of orientation. Other features include a Zoom function (limited to increments of 10 percent) and support for multiple fonts and line spacing.

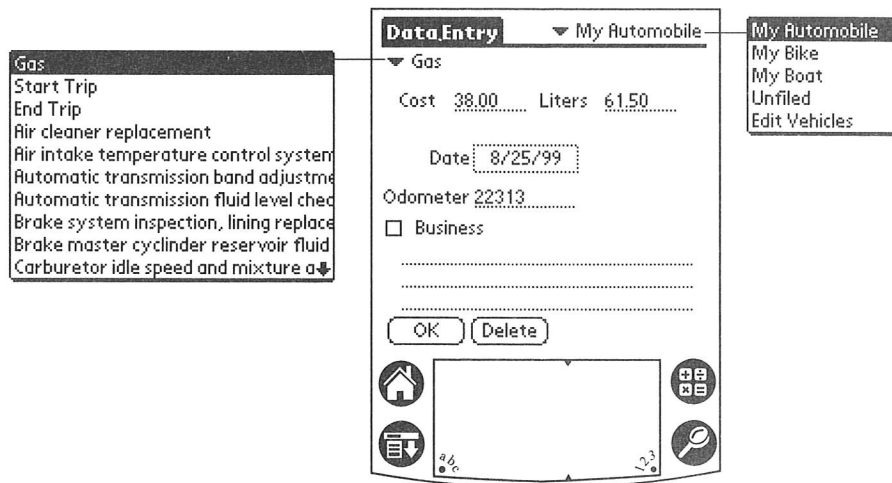


Figure 15-25: Data entry with Vehicle Tracker

### Small Talk

*Developer:* Concept Kitchens

*Cost:* \$79.99

*Footprint:* 131K (minimum, 194K complete)

Small Talk is the only program of its type: a two-way graphical translator for the Palm OS. Using a familiar flash card metaphor (see Figure 15-26), it is easy to navigate your way through common phrases and their translations. The program also includes a means for the other person to respond, complete with translations. Language modules in English, French, Italian, Spanish, German, and Japanese can be loaded as needed.

### TealMeal

*Developer:* TealPoint Software

*Cost:* \$13.95

*Footprint:* 35K

TealMeal helps with the universal question: Where are we going to eat? As Figure 15-27 shows, the decision has never been easier, with filtering by type or category. Even better, you can tap the Wheel of Food and have TealMeal select for you. This great little shareware program has become a standard on the Palm OS. TealPoint has more than 60 city databases available on its Web site ([www.tealpoint.com](http://www.tealpoint.com)), and the program includes utilities so that you can create your own database, either on your Palm Handheld or on your Windows or Macintosh computer.

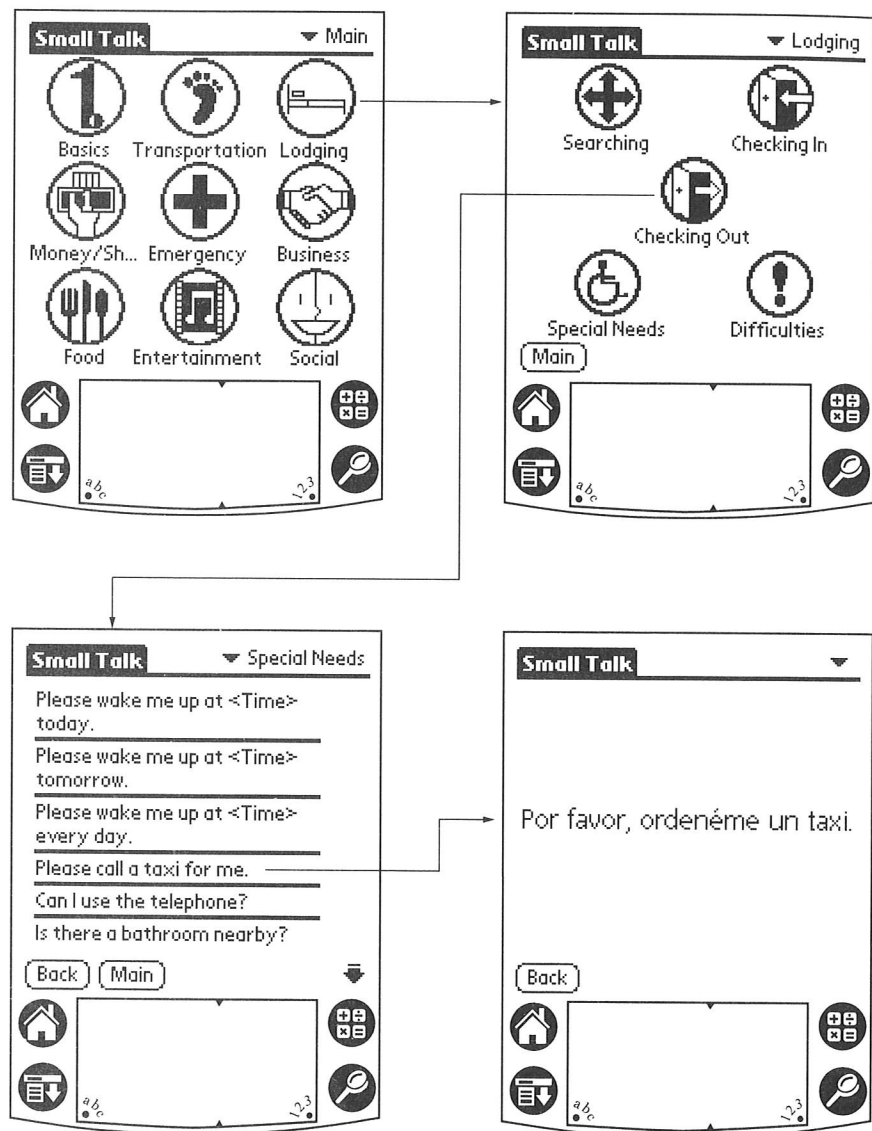


Figure 15-26: Using Small Talk to order a taxi in Spanish

## TealPaint

TealPoint Software doesn't do anything halfway, and TealPaint (Figure 17-8) is no exception. This solid paint program offers a full slate of tools, including fills and patterns, support for animation, an undo feature, and more. It is easily the best of the field, and I certainly recommend it.

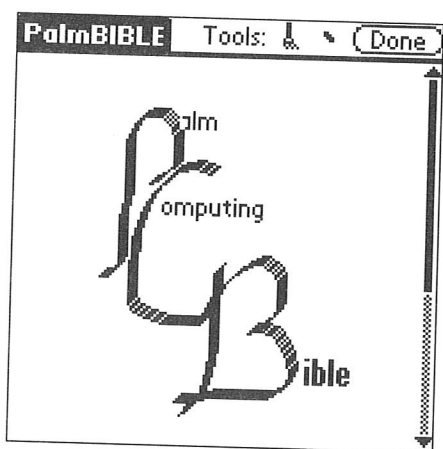


Figure 17-7: SimpleSketch

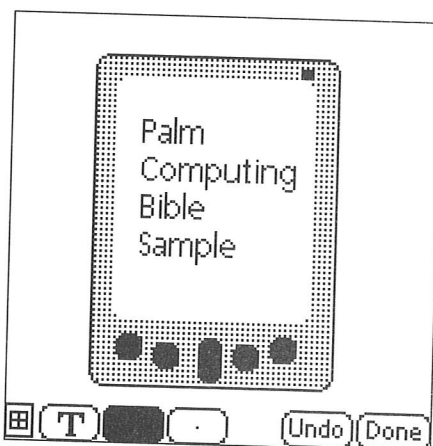


Figure 17-8: TealPaint

## Graphics viewers

These programs provide the capability to view grayscale images on your handheld, which means that you can display some fairly good images. This opens up a whole new world, especially if you have a scanner. With a graphic viewer, you can load in your organizer route maps, family and other photos, logos, hint sheets, and all sorts of information that can be better presented graphically. Surprisingly, even graphics with 16 shades of gray can be as small as 16K when converted into Palm's .pdb format, so space is not the issue you might expect it to be.

### AlbumToGo

*Developer:* ClubPhoto

*Cost:* Freeware

*Footprint:* 48K (plus images loaded)

AlbumToGo is an impressive utility, and it is freeware! AlbumToGo is available in both Windows and Macintosh flavors. Both offer the capability to convert JPG images into Palm-loadable format (see Figure 17-9). These files can be opened, annotated, beamed, or deleted within the Palm application.

## TealPoint

[www.tealpoint.com](http://www.tealpoint.com)

TealPoint makes great software for the Palm Organizer — TealPaint, TealDoc, TealScript, and more. These shareware programs are covered throughout the book and are found on the CD-ROM. Figure 19-2 shows the TealPoint Web site.

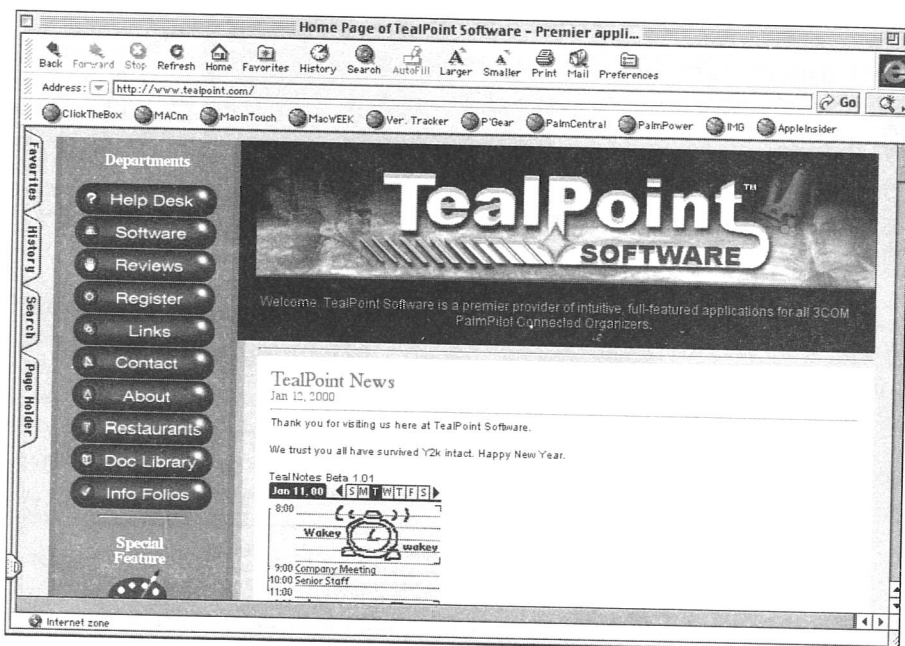


Figure 19-2: TealPoint Web site

## Accessing Author Sites

Quite a few Palm Organizer software authors have put up their own home pages with updates and news about their products. Software from all of the following authors is found on the CD-ROM.

### Daggerware

[www.daggerware.com](http://www.daggerware.com)

This is the home of Edward Keyes' HackMaster, an essential utility for extending your Palm Organizer's operating system. See Chapters 11 and 22 for more on HackMaster.

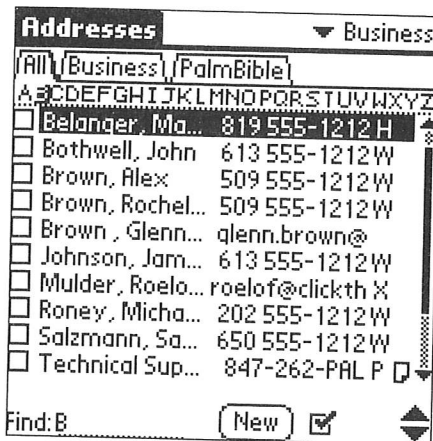


Figure 20-16: SuperNames

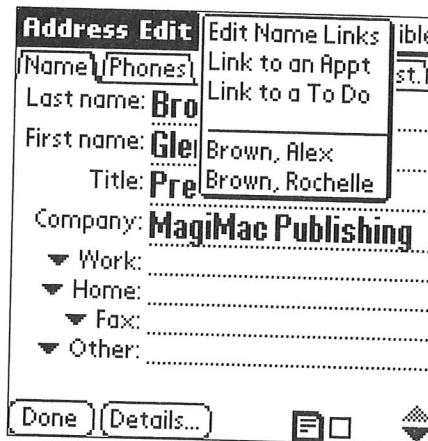


Figure 20-17: Links in SuperNames

## TealPhone

*Developer:* TealPoint Software

*Cost:* \$17.95

*Footprint:* 52K

Imagine the standard Address Book application on steroids and you have an idea of what TealPhone is like. It stores multiple sorts (first/last/company), so switching the sort order is instant. The display (see Figure 20-18) features an oversized data display area with quick access to all of your contact's information. The program shows an attention to detail that is typical of TealPoint's applications, including a powerful search capability and new pop-up lists to aid with entering new records.



Figure 20-18: TealPhone

## TealLaunch

*Developer:* TealPoint Software

*Cost:* \$11.95

*Footprint:* 18K

TealLaunch runs as a system extension using HackMaster (see Chapter 22 for more on HackMaster). Once you've set up TealLaunch's Preferences (see Figure 20-31), you can make your Palm Organizer dance. The popup window in Figure 20-32 gives you instant access to a predefined list of applications, plus buttons with commonly used functions. Your handheld's buttons can be configured to act in different ways, depending on whether the TealLaunch window is open, or whether you tap the button or hold it down for a second. Once learned, this can be a real timesaver for the Palm poweruser.

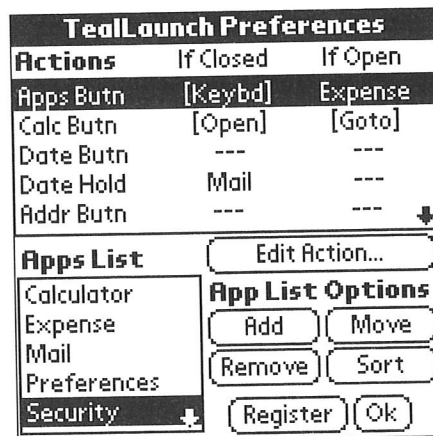


Figure 20-31: TealLaunch Preferences

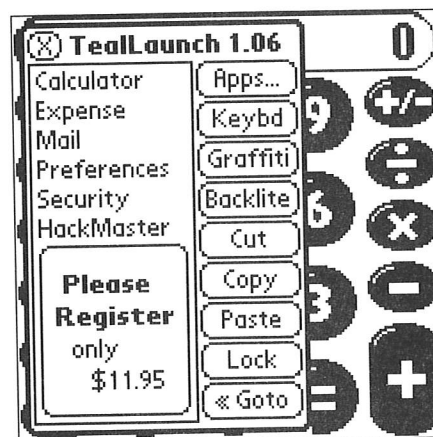


Figure 20-32: The TealLaunch pop-up window

## Application Helpers

You don't have to completely replace your core applications — a number of programs add to what is already built into your Palm Organizer.

### DateBook helpers

These helper applications will work with your built-in DateBook, or with the DateBook replacements discussed earlier in the chapter. Each adds its own unique functionality.

## TealGlance

*Developer:* TealPoint Software

*Cost:* \$11.95

*Footprint:* 24K

TealGlance (see Figure 20-39) combines a digital or analog clock with day, date, appointment, and To Do List items. TealGlance's Settings are called via HackMaster (see Figure 20-40). For more on HackMaster, see Chapter 22.



Figure 20-39: TealGlance

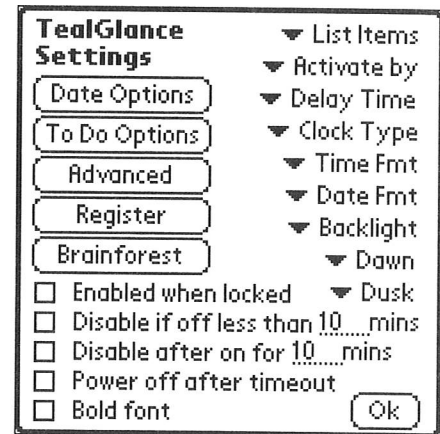


Figure 20-40: TealGlance Settings

## Today

*Developer:* Synergy Solutions, Inc.

*Cost:* \$17.95

*Footprint:* 29K

Today (see Figure 20-41) offers a familiar tabbed interface that combines appointment and to do items to give you a quick overview. Today is available separately or as part of Synergy's PDAActivate (formerly Hi-Five) collection of utilities.

## Logging tools

Want to track the things you track on your Palm Organizer? Have I confused you yet? These tools add project management functionality to your handheld.

**TealLock***Developer:* TealPoint Software*Cost:* \$11.95 (shareware)*Footprint:* 34K

TealLock is a solid replacement for the Palm's security application. I recommend that you use TealLock's settings to change the message to one that offers a reward for your Palm Organizer (see Figure 21-26). Flexible activation settings enable you to fine-tune locking and hiding of private records.

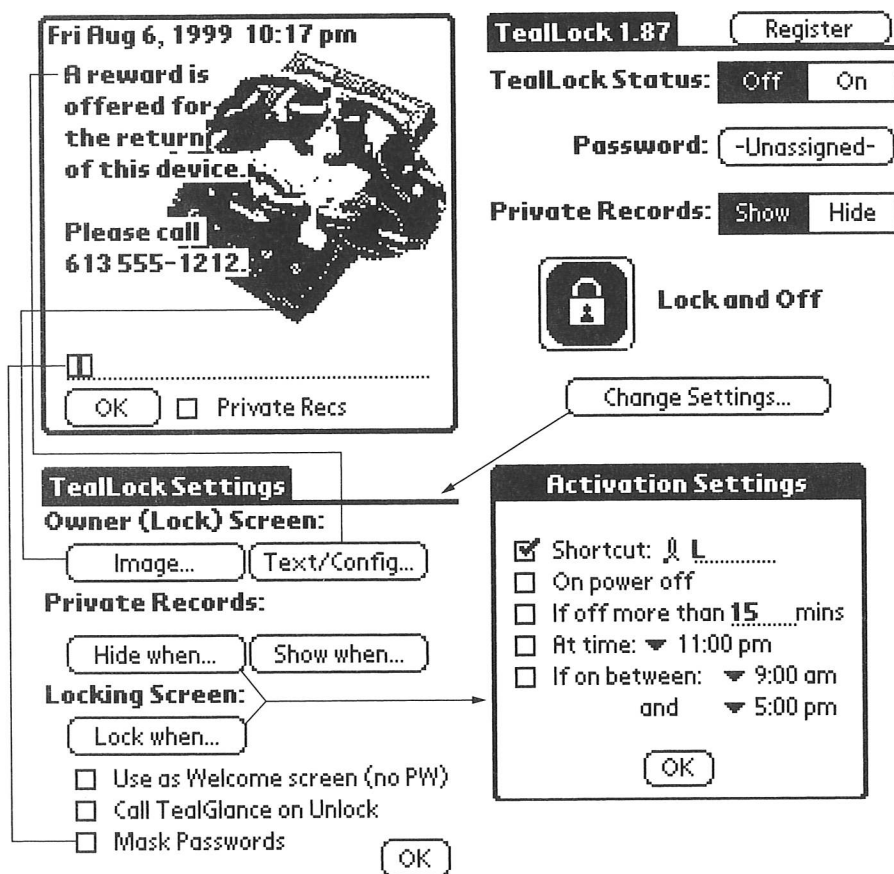


Figure 21-26: TealLock settings



Don't use the "Use as Welcome screen (no PW)" unless you want to disable TealLock's security features — "no PW" means no password.

## TealMagnify

*Developer:* TealPoint Software

*Cost:* \$11.95 (shareware)

*Footprint:* 7K

This Hack (see Figure 22-14) enables you to magnify a part of your handheld's screen. Activation is clever: It uses the silk-screened Find button, which remains active with a double tap.

## TrekSounds

*Developer:* Glen Aspeslagh

*Cost:* \$8.00 (shareware)

*Footprint:* 37K

Here's one no true Trekkie can live without: TrekSounds (see Figure 22-15) gives your Palm Organizer configurable sounds, straight from the TV series. Additional settings enable you to configure the volume and a Graffiti stroke to quickly disable during a board meeting.

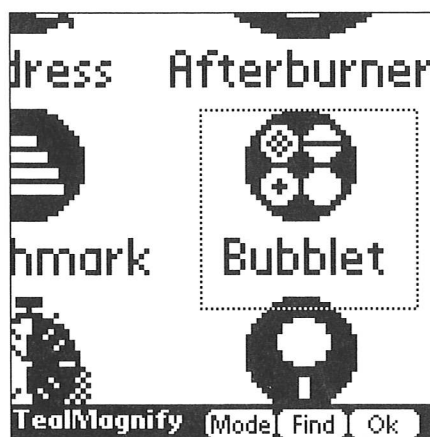


Figure 22-14: Zoom in with TealMagnify

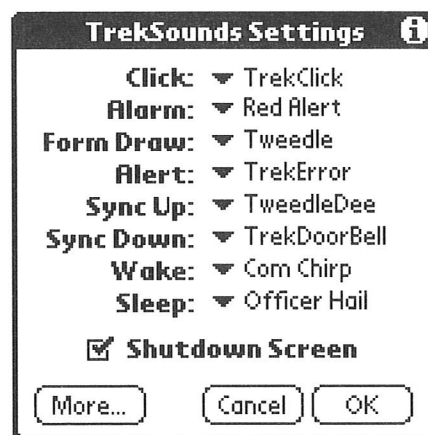


Figure 22-15: TrekSounds

## Registered Hacks

Some of the functionality offered by the following Hacks is so elegant you'll wonder why it wasn't built into the Palm OS in the first place. I have paid my shareware fees for all of the products in this section, including (of course) HackMaster. Also look for these Hacks, covered elsewhere in the book: Afterburner, BatteryMonitor, and EcoHack (all in Chapter 21), Launch'Em Hack (Chapter 20), and TealScript (Chapter 3).