



Fundamental Objects

FO HANDHELD NEWS
Volume 4, Issue 4
October 17th, 2003

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Welcome

... to the October edition of our user and developer PDA tips newsletter.

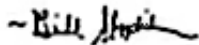
As always, please feel free to submit requests or ideas through the links at the **bottom** of this page. This is also where you will find subscription and removal information.

Along with the usual collection of news and tips, this issue has a dual focus. We have a **consultant's toolkit** – set up for PalmOS users; and a nice set of **development tools for the Pocket PC**. In addition, for the first time we are including a **hardware offer** (\$185 Tungsten E) for our newsletter readers.

Palm related items in our newsletters are marked with this icon . Pocket PC/WinCE items are marked with this  one. Phone-related PDA tips show a  icon.

Please note: This newsletter contains tips and tools that can alter your PDA. These items are offered here "as is" and without any warranty or support from FO. Please consider them carefully before using or trying them (and as always ... backup, backup, backup! first before making any changes).

Thank you,



Bill Shadish, Principal

User Tips and Tools

HARDWARE – *What's what?*

With today's dizzying set of new vendors and new hardware releases – it can be fairly difficult to keep up with what is out there. Our newsletter starts with some sites that provide lists of the current hardware devices. Included is detailed information about each device.

All the Palm OS handheld devices

<http://www.palmsource.com/handhelds/>

All the Palm OS smartphones

<http://www.palmsource.com/smartphones/index.html>

Cell phone capabilities

<http://mobile.eric-poncet.com/phone/hardware.html>

All of the current IPAQ units

<http://www.smb.compaq.com/families.asp?ProductLineId=510&oi=E9CED&BEID=19701&SBLID=>

Current DELL Pocket PCs

<http://www.pocketpccity.com/articles/2003/10/2003-10-15-Dell-Debuts-Pocket.html>

The Axim X3 is 28% lighter than its predecessor and 17% thinner. *This is a good thing, since the old one felt like*

you were carrying around a Compaq Portable from 1987.

TapWave ~🌐
<http://www.tapwave.com/>



Zodiac™

Here is a new one – a Palm device (running the "Tapwave enhanced Palm 5.2T OS") specifically for gaming (and videos, and MP3s, etc). Here are the [Zodiac specifications](#). The Zodiac is wireless to allow you to play other gamers. Can you say a couple of Gameboys without the cables?

SOFTWARE

PocketPC City 🌐
<http://www.pocketpcity.com/software-pocketpc.html>
This is a nice site for PPC software and tips.

Consultants Travel Kit 🌐
The following are useful tools when at a client on the road...

Hours 🌐
<http://hours.sourceforge.net>

Hours Details Unfiled

Date: ◀▶ Fri 10/17/03

Begin: ◀▶ 8:00 am ⌚

End: ◀▶ 4:00 pm ⌚

Break: ◀▶ 0:30

Rate: \$ 10.00

Extra: \$ 0.00

Writing the HOURS paragraph.....

Done Delete... Billed

Hours

A time logging application that helps you to keep track of the time that you spend on individual jobs. Hours even captures break times.
License: Freeware

Accounts Manager v1.0.35AML 🌐
<http://www.jltorres.com>

Reports ⓘ

Description	Balance
Budget	-11000.00
Cash	225.00
Credit Card 1	47.86
Food	Actual Balance
General	Min Balance
Home	Max Balance
Income	Initial Balance
Lease	End Balance
Loan	Account-Description
Magazine	Balance to Date
	Acc-Desc to Date

Ok

Account Manager

You can budget and work with your job expenses. You can add a note about each expense; group by categories; and even graph the expenses per account. This is a useful application if you are managing multiple clients.

License: Freeware

FormulaCalc v1.0

<http://www.40-below.com/palm>

A formula calculator where you can set up (and run) your own calculations. Supports square roots, If statements, Log, Int, Sin, Degree, Rad, etc. Like a handheld calculator, there are 26 memory storage locations to hold temporary values as your calculations run.

License: Freeware

Note: Combining these tools with the **Project** (a Palm-based project management tool) and **Converter** (which converts between *many* different kinds of measurements) applications from our [April newsletter](#) provides an even better toolkit.

Development Tips and Tools

newObjects ActiveX Pack1 1.0

<http://www.newobjects.com/product.asp?ID=63>

A collection of many ActiveX components and a scripting host tool for the Pocket PC. Read and write from streams, the registry, files, etc. The ActiveX pack is available for ARM, MIPS and SH3.

License: Freeware

IrDA communications

<http://www.pocket-g.com/freeware.html>

A basic IrDA communications Pocket PC app. Source code is included.

License: Freeware

In our [last newsletter](#), we showed PERL and Pocket C development tools for Pocket PC developers. The following are a set of Pocket C add-ins, as well as other traditional developments tools like FORTH, that have been adapted to run on a Pocket PC.

Pocket C (sic: that is PocketC) tools

CEAPI

<http://www.piform.net/>

CEAPI provides an interface for calling Windows CE API functions directly from PocketC. Includes Windows compatible header files and example PocketC programs. Supports all versions of Windows CE from version 2.0 to PocketPC2002 on HPC, PPC, HPCPro, PocketPC, HPC2000 and PocketPC2002 platforms.

PCForm

<http://www.networkdynamics.net/PCForm.html>

A IDE environment, for building Pocket C forms and applications, directly on a Pocket PC device.

License: Commercial (\$29.99)

Other Pocket PC/Windows CE development tools

BRexxCE 2.0.6 (Rexx)

<http://ftp.gwdg.de/pub/languages/rexx/brex/html/rx.html>

This one will be appreciated by old IBMers. Rexx is a vast scripting language, which feels like working with PERL. Versions are available for Windows NT, CE, 2K, the MacOS and versions of Unix. There is a help FAQ about installing and using BRexxCE on the site.

License: Freeware

dsFORTH 2.0 beta 1 (FORTH)

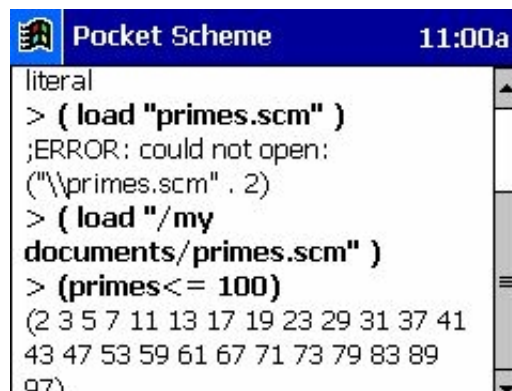
<http://www.delosoft.com/>

A ANS FORTH language compiler. Support for ALL Win32 platforms: Windows CE (3.0 only), 9x, ME, NT, 2K. Note that there is also a version for the PalmOS on the site.

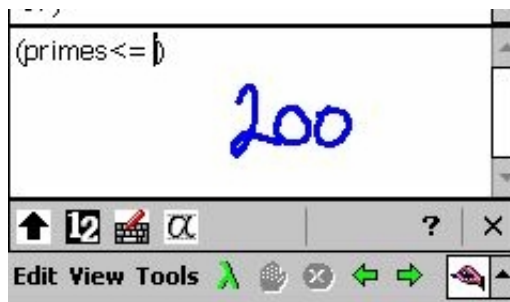
License: Freeware

Pocket Scheme (LISP) for the H/PC and P/PC

<http://www.mazama.net/scheme/pscheme.htm>



```
literal
> ( load "primes.scm" )
;ERROR: could not open:
("\\primes.scm" . 2)
> ( load " /my
documents/primes.scm" )
> (primes<= 100)
(2 3 5 7 11 13 17 19 23 29 31 37 41
43 47 53 59 61 67 71 73 79 83 89
97)
```



Scheme

Scheme allows you to create files, run calculations, perform regular expression matching and more.

COM Registration Tool for Windows CE

<http://www.pocketpcity.com/software/pocketpc/COM-Registration-Tool-for-Windows-2002-11-1-ce-pocketpc.html>
COM Registration Tool for Windows CE 1.0 This is an interesting one for a developers' removable storage card. This works like REGSVR32 to allow you to register COM components on Windows CE.
License: Freeware

SapphireGZip v2.00

<http://www.sapphire-solutions.co.uk/>
A compression/decompression DLL for the eVB (Embedded Visual Basic) developer to use in working with gzip. It seems pricey at \$199, but that is a fair price when compared to Windows compression libraries.
License: Demo

Patches/Updates

Pocket PC Bug fix

<http://h18007.www1.hp.com/support/files/HandheldiPAQ/us/download/19479.html>
Corrects problems on the IPAQ 5500 series, including fingerprint recognition, reset problems, Bluetooth proxy settings being erased and "Dial via Bluetooth" not accepting spaces in the phone number.
Free

Other

PDA Forums

<http://www.pdaforums.com/links/pocketpc/mailling.html>
Mailing lists and Newsgroups for the following topics:

- Comp.OS Ms-Windows.CE
- Microsoft Handheld PC
- Microsoft Palm-size PC
- Microsoft Pocket PC
- Microsoft Pocket PC Binaries
- Microsoft Pocket PC Marketplace
- Microsoft Pocket PC Developers
- Jornada Mailing List
- Windows CE Mailing List
- Windows CE Mailing List - Portuguese

FO News

Fall PDA Offer

For the first time, we are offering a special on hardware for our newsletter readers.

Tungsten E features

- Memory: 32MB (28.3MB actual storage capacity).
- Screen: 16-bit, 320x320 transfective TFT color display supporting more than 65,000 colors.
- Size and Weight: 4.5 x 3.1 x 0.5 inches; 4.6



Tungsten E

We have the Palm Tungsten E with a list price of \$199USD, for **\$185**. This includes free shipping to the 48 lower US states.

Contact us for even lower pricing on orders of 10 units or more.

This offer is only valid for readers of the FO newsletter.

Please mention the code **FONEWS1003** when corresponding about this offer.

-
-
-
-
- battery.
- Headphone Jack: Supports 3.5mm stereo headphone plug (sold separately)
- Palm Expansion Slot: Add extra memory, or content like a dictionary, sold separately. Supports SD, SDIO and MultiMediaCards.
- Updated PIM apps: Calendar, Contacts, Memos and Tasks.
- What's in the Box: Palm Desktop software for Windows and Macintosh, Tungsten E.
- Desktop System Requirements: One available USB port PC running Windows 98, 2000, ME, XP or Mac OS 9.1 or higher, or Mac OS X v 10.1.2 to v 10.2.6 (Windows 2000 and XP and Mac OS X require admin rights to install)

FO is a reseller for Palm, Handspring and Hewlett Packard PDA hardware.



Reader Tips 🌐 📧 📧

After each issue, we receive a number of reader comments, questions and tips regarding handhelds. We would like to share these tips with all of our readers as well.

If you would like to submit a tip for inclusion in our newsletter, please fill out the information below. Your name and email will be shown along with the tip, if it is used in our newsletter.

Enter your first and last name: *

Enter your email address: *

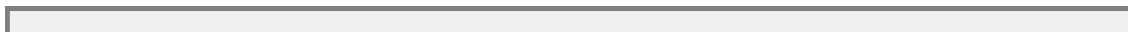
Company:

Reader Tip: *

* = required.



Subscribe, Unsubscribe & Comments



The FO newsletter site itself is found at <http://www.fo.com/newsletters/>.

To **subscribe** to this newsletter, simply [click here](#).

To **unsubscribe** from this newsletter, [click here](#).

If you would like to suggest topics for us to focus on, we will strive to add content in the direction of the most interest. Choose from the following categories, or add your own, and include this in [your email](#):

Palm Development
Palm User Interface topics (look & feel issues),
Palm User-oriented topics (tips!),
Palm vs. Pocket PC issues
<other>

If you have other comments or suggestions, please send us an email with your thoughts by [clicking here](#).



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