Spitfire_eng

Ralph Torchia

COLLABORATORS			
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	REVISION HISTORY		
NUMBER	DATE	DESCRIPTION	NAME

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Spitfire_eng

1.1   Spitfire

Spitfire

Version 0.23{ub}

(see history for recent changes)

—————————————————————————————————

This software is shareware!

The only limitation of the unregistered version it that it has an experiation date, plus it has bothersome reminder requesters.

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1.2 Preface

Preface

Spitfire is offered to you under the concept of Shareware. You may use Spitfire for an evaluation period of up to 30 days without paying any fee. If you are going to use Spitfire after the evaluation period, you have to register.

See License and Shareware for more information.

1.3 Introduction

What is Spitfire?

In a nutshell, Spitfire is a Palm Desktop for the AmigaOS. It provides a connection to 3Com's Palm Pilot Personal, Palm Pilot Professional, Palm III, Palm IIIx, Palm V, or compatible, and allows a user to HotSync these devcies with their Amiga.

1.4 Features

Features

Currently, Spitfire supports the following main features:

· Full backup and restoring of Pilot databases and files.

· Multiple user support.

· Install of files (prc, pdb) with or without a complete HotSync.

· Changing of user name ids.

· Add/Delete/Edit Memos, with synchronization!

· Add/Delete/Edit Addresses, with synchronization!

· Add/Delete/Edit To Dos, with synchronization!

· Viewing of Datebook events.

· Import/Export of Memos in ASCII format.

· Import/Export of Addresses in CSV format.

· Easy configurability with support of any serial device.

1.5   Requirements

Requirements

· Amiga with 020/2Mb or better

· An available serial port.

· Palm Pilot with it's cradle plugged into a serial port.

· AmigaOS 3.0 or greater.

· MUI 3.8 or greater.

- third-party MCC classes:

· InfoText

· TextInput

· NList

· MonthNavigator

· PalmLink library 1.0 or greater

· Date library.

The install script will properly install all necessary parts from the Spitfire archive.

1.6   License

License

This license applies to the product called Spitfire, a set of programs for the Amiga computer, published by Ralph Torchia under the concepts of Shareware, and the accompanying documentation, example files and anything else that comes with the original distribution. The terms "Programs" and "Spitfire" below, refer to this product. The licensee is addressed as "you".

You may copy and distribute verbatim copies of the programs' executable code and documentation as you receive it, in any medium, provided that you conspicuously and appropriately publish only the original, unmodified programs, with all copyright notices and disclaimers of warranty intact and including all the accompanying documentation, example files and anything else that came with the original.

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You may not copy, modify, sublicense, distribute or transfer the programs except as expressly provided under this license. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the programs is void, and will automatically terminate your rights to use the programs under this license. However, parties who have received copies, or rights to use copies, from you under this license will not have their licenses terminated so long as such parties remain in full compliance.

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Each time you redistribute the programs, the recipient automatically receives a license from the original licensor to copy, distribute and/or use the programs subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

You may not disassemble, decompile, re-source or otherwise reverse engineer the programs.

You may use the programs for a period of up to 30 days for evaluation. After that, you have to register .

If you wish to incorporate parts of the programs into other programs, write to the author to ask for permission.

You agree to cease distributing the programs and data involved if requested to do so by the author.

1.7 No Warranty

No warranty

There is no warranty for the programs, to the extent permitted by applicable law. Except when otherwise stated in writing the copyright holder and/or other parties provide the programs "as is" without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The entire risk as to the quality and performance of the programs is with you. Should the programs prove defective, you assume the cost of all necessary servicing, repair or correction.

In no event unless required by applicable law or agreed to in writing will any copyright holder, or any other party who may redistribute the programs as permitted above, be liable to you for damages, including any general, special, incidental or consequential damages arising out of the use or inability to use the programs (including but not limited to loss of data or data being rendered inaccurate or losses sustained by you or third parties or a failure of the programs to operate with any other programs), even if such holder or other party has been advised of the possibility of such damages.

1.8 Disclaimer

Disclaimer

No warranty, either express or implied, is made with respect to the fitness or merchantability of Spitfire.

Ralph Torchia (referred to as "the author"), reserves the right to not develop any future versions of Spitfire.

The author will try to make a good faith attempt at correcting any problems if any are discovered, but is in no way required, nor bound to correct them.

The author neither assumes nor accepts any responsibility for the use or misuse of these programs. He also will not be held liable for damages or any compensation due to loss of profit or any other damages arising out of the use, or inability to use these programs.

The author will not be liable for any damage arising from the failure of these programs to perform as described, or any destruction of other programs or data residing on a system attempting to run the programs. While I know of no damaging errors, the user of these programs uses it at his or her own risk.

1.9 Installation

Installation

1) With your Amiga turned off, plug the Palm cradle into an available

serial port. If your Amiga only has a 25-pin serial port then a 9-pin

to 25-pin adapter will be required to plug the Pilot's cradle into the

Amiga's standard serial port.

2) Use the Installer to copy the Spitfire files to your hard drive. The

installer uses the standard Amiga installer program and will install

Spitfire and its appropriate files onto your hard drive.

When Spitfire is executed for the fist time on a system, it will ask the user:

1) to enter your user name id for the Pilot*

2) to set up the preferences and serial port settings that the cradle

is connected to.

3) to perform a HotSync of the Pilot (therefore be sure to have your

Pilot ready and its cradle connected to your Amiga).

This first time procedure will allow Spitfire to establish the proper accounts on your Pilot and Amiga.

If your Pilot has already been HotSync with another computer, then Spitfire will recognize this and create a new account on your Amiga. It will not overwrite a user name established on a Pilot unless specifically told to do so.

*(If you do not have a "virgin" Pilot, then enter the same name that your Pilot is synchronized with on the PC. If a different name is supplied then Spitfire will create a new user profile).

1.10 Usage

Usage

Please, also refer to the Pilot's User manual for help with terms and operation.

Main Window

The main graphical user interface window is divided into four main sections:

1) User currently selected for HotSync in the top of the window

2) Button bank located in the upper half of the window

3) Log/Conduit Tabs (listviews) in the lower middle half

4) Infomation window on the bottom of the window

Image Tool Bar

Along the top area of the window there are several buttons:

Install - Allows selection of applications to install at HotSync

Datebook - Opens the Datebook application

Address - Opens the Address book application

Memo - Opens the Memo Pad application

To Do - Opens the To Do application

HotSync - Begins HotSync according to Sync Opertions defined.

To abort this process, double-click on the Abort button

that appears in the requester.

NOTE: Although currently you can play around with the conduits

they are still not completed and thus not 100% functional!

Conduits

Here you can find a list of conduits that Spitfire supports. In addition to the Date Book, Address Book, To Do List, and Memo Pad conduits, Spitfire includes a System and Install conduits.

The System conduit backups up the system information stored in the Pilot. The Install conduit is used to install Pilot applications.

Double clicking on entries opens a window for altering conduit actions to be performed at HotSync time. This allows customization for each conduit in setting the diretion in which you want to sync data.

This customization can be saved for future use, or set for temporary use, which affects only the next hotsync, thus reverting back to their saved state.

The supported sync actions are:

1) Pilot overwrites Amiga

·This will write information from the Pilot to the Amiga.

·You can also refer to this as a backup.

2) Amiga overwrites Pilot -

·This will write information from the Amiga to the Pilot.

·You can also refer to this as a restore.

3) Synchronize the files

·This will synchronize data between the Pilot and the Amiga.

4) Diabled

·This will turn off the conduit during a HotSync.

The Install conduit has a different action when doubled-clicked. Such an action open a window displaying the applications to be installed at hotsync. This list can be altered by adding or deleting applications.

HotSync Log

Displays feedback on the synchronizing opertations.

Settings Window

The settings window is divided into two sections:

1) Directories

2) Serial Port

Directories

Application Dir - This is the default directory to where Pilot

applications are normally kept on the Amiga.

Pilot Storage Dir - This is the directory where the pilot system and

conduits are to be stored on the Amiga.

Serial Port

There are three parameters that require setting.

1) Device - Select the serial device that the Pilot cradle is attached to.

- If your serial device is not present in the popup listview

then please type it into the string gadget.

2) Port - The port on the serial device that the cradle is connected to.

3) Baud - The maximum speed that the serial port supports.

1.11   Main Menus

Menus

Project Action Conduits Settings

About... HotSync... Install... Spitfire...

About Mui... ---------------- --------------- MUI...

------------ Install Files... Address Book... --------------------

Iconify Backup Pilot... Memo Pad... Save current settings

------------ Restore Pilot... Date Book...

Quit To Do List...

1.12   Project Menu

Project

About... - Show information about Spitfire and registration

About Mui... - Show information about Magic User Interface

Iconify - Iconifies Spitfire

Quit - Quits Spitfire

1.13   Action Menu

Action

HotSync... - Begins HotSync beteween the Amiga and the Pilot

---------------- according to settings in Sync Operations List

Install Files... - Allows selection of Files and install them immediately onto the Pilot

Backup Pilot... - Will connect with the Pilot and backup all files to your system

Restore Pilot.. - Will connect with the Pilot and restore all files from your system

1.14   Conduit Menu

Conduits

Install... - Opens requester to select files to install at HotSync

----

Address Book... - Opens Address Book on desktop

Memo Pad... - Opens Memo Pad on desktop

Date Book... - Opens Date Book on desktop

To Do List... - Opens To Do List on desktop

1.15   Settings Menu

Settings

Spitfire... - Opens Spitfire preference window

MUI... - Opens MUI preference window

Save current settings - Saves current Spitfire settings

1.16 Conduits

The Conduits

Spitfire currently supports the following conduits:

1) Install

2) System

3) Memo

4) Address

5) To Do

6) Date

1.17 Install

Install

This conduits has no other interface other than what appears when double-clicking on its entry in the conduit action listview. In this GUI, you can delete or add new applications to be installed at HotSync.

1.18 System

System

This conduits has no interface and has the function of backingup/restoreing files that are not managed by the other conduits.

1.19 Memo

Memo

The Memo allows the viewing, editing, deleting, and adding of items. Selecting an item allows its contents to be viewed in the right-hand side area. Double-clicking of items opens up an edit window for that item.

It is also possible to import and export ascii files from the Memo pad.

· To export, just select all the required files, and select Export form the pull-down menus. In the request, type in the base name for the memos to be saved. Each memo will be saved as an Ascii text file.

· To import ascii files, select Import from the pull-down menus, and select all required files for importing from the file requester. Each selected file will be imported as a seperate memo item.

1.20 Address

Address

The Address allows the viewing, editing, deleting, and adding of items. Selecting an item allows its contents to be viewed in the right-hand side area. Double-clicking of items opens up an edit window for that item.

It is also possible to import and export CSV (comma seperated value) files from the Address book.

The format each line in the CSV file follows is:

first name, last name, company, title, phone 1, phone 2, phone 3, phone 4, phone 5, address, city, state, zip, country, custom 1, custom 2, custom 3, custom 4

· To export, just select all the required files, and select Export form the pull-down menus. In the request, type in the file name for the CSV file to be saved.

· To import CSV files, select Import from the pull-down menus, and select a CSV file for import.

1.21   To Do

To Do

The To Do allows the viewing, editing, deleting, and adding of items. Double-clicking of items opens up an edit window for that item. Clicking on a note icon will open up the note window.

1.22   Date

Date

The Datebook allows the viewing, editing, deleting, and adding of items. Double-clicking of items opens up an edit window for that item. Clicking on a note icon will open up the note window.

1.23   Tips And Tricks

Please refer to your Pilot's User Guide/Handbook also!

1.24   Frequently Asked Questions

Q. How do I do easily do a complete backup of my Pilot?

A. Select the menu item Backup from under the menu Action. Spitfire will

automatically adjust the conduit actions and do a backup.

Q. How do I do easily do a complete restoration of my Pilot?

A. Select the menu item Restore from under the menu Action. Spitfire will

automatically adjust the conduit actions and restore your Pilot.

Q. I do not like the user name that my Pilot has set. Is there a way to

change it?

A. Choose the menu item Change User Name from the menu Action.

Q. Can I "virginize" my Pilot with Spitfire?

A. Choose the menu item Change User Name from the menu Action and set the

string gadget to be empty.

Q. Can I install applications files without doing an entire HotSync?

A. Use the menu item Install Files from the menu Action.

1.25   Author

Author

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1.26   Magic User Interface

This application uses

MUI - MagicUserInterface

(c) Copyright 1993/94 by Stefan Stuntz

MUI is a system to generate and maintain graphical user interfaces. With the aid of a preferences program, the user of an application has the ability to customize the outfit according to his personal taste.

MUI is distributed as shareware. To obtain a complete package containing lots of examples and more information about registration please look for a file called "muiXXusr.lha" (XX means the latest version number) on your local bulletin boards or on public domain disks.

If you want to register directly, feel free to send

DM 30.- or US$ 20.-

to

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1.27   Palmlink

This application uses

Palmlink.library

(c) Copyright 1998 by Richard Körber

The palmlink.library archive can be found on Aminet and at:

http://shredzone.home.pages.de/

E-Mail: richard.koerber@koeln.netsurf.de

shred@eratosthenes.starfleet.de

1.28   Acknowledgements

Acknowledgements

· USRobotics/3Com for the wonderful Pilot!

· Richard Körber for the excellent PalmLink library.

· Ingo Heinicke for beta testing.

· Oliver Wagner for the Textinput MUI classes

· Amiga Foundation Classes (http://www.intercom.it/~fsoft/afc.html) for their

wonderful classes that made developing Spitfire easier in many ways.

· Kai Hofmann for date.library and the MonthNavigator MUI class.

· Phil Vedovatti for the Newicon images and icons.

And to those few that have registrated Spitfire, a big THANK-YOU!

Trademarks

· Palm Pilot, Palm III and PalmOS are trademarks of 3Com.

· 3Com and HotSync are registered trademarks of 3Com.

· IBM and WordPad are a registered trademarks of IBM.

1.29   History

Version History

* v0.4 - Initial release.

* v0.5 - Corrected non-functional Abort button. A double-click of the button

should not work properly.

- Corrected bug in username lister in which a cancelling of editing

a user name brought up a requester.

- Worked a bit more on the guide file.

v0.6 - Complete overhaul of the GUI

v0.7 - Update of Guide file

- Correct datatype image loading problem.

- Created install script

* v0.8 - Still coding the conduits (memo pad and address book are partially

completed)

- Some internal changes to the code

- Corrected several minor problems with Spitfire.guide

* v0.9 - Corrected install script not copying main Spitfire file to correct

destination directory

- Fixed problem with Spitfire crashing when being started for the

first time for a user and in demo mode.

* v0.10 - Forgot to update the main archive with the last compiled version

of Spitfire. Two problems it had, which were fixed were 1) Demo

requester appearing for registered users 2) subsequent openning

of Address conduit would created wrong number of cycle gadgets in

edit window.

v0.11 - Minor changes and bug fixes to backup and restore routines.

- Fixed problem of duplicate categories in edit fields of address and

memo conduit applications

- Began coding sync routines for memo pad. Syncing of Memos functional

but not syncing of Memo categories.

- Major changes to workings of Memo conduit

- Implemented usage of Nlist and NFloattext

v0.12 - Correct bug in memo syncing.

- Began implementing syncing of categories for memos (not active yet).

- Several minor changes to Spitfire and memo conduit code.

v0.13 - Added ability to change a pilot's user name id.

- Fixed some problems in synchronizing of memos.

- Fixed problem of certain requesters popping up at the wrong times.

v0.14 - Sync log listview now becomes active at HotSync.

- Disabled parts in conduits that are not fully completed for hotsyncing

- To Do conduit now allows viewing of To Do items

- Re-wrote many parts of the Address conduit

- If there were zero items in Memos or Address then enforcer hits occured

v0.15 - Fixed typo in window title bar of Address book.

- Memo pad now respects private/secret attribute.

- Memo editor now displays private flag setting.

- If change made to the same memo on the Amiga and Pilot, then the Amiga

overwrites Pilot memo at sync.

- Removed "synchronize the files" for system conduit since option made no

real sense for the conduit.

- Implemented new log list updater for the main Spitfire program

from the throttle process. Should cure the graphci glitches reported

by some.

- Log listview now also using NList.

- Address book will now display and sort by company name in listview if

first and last name fields are blank for an entry.

* v0.16 - Had a major HD crash in which I lost most of my HD (in fact, my HD is

now dead, and I had to buy a new one). Luckly I did have a recent backup

of the source code for Spitfire on floppy. I had to re-install and

re-create my development environment though...

- Changed demo expiration date to June 1, 1999.

- Finished synchronizing of Addresses!

- Entering notes greater than the Pilot limit of 4000 characters would

crash Spitfire. This also could result in crashes with cut'n'paste

feature of the textinput note editor.

- Fixed illegal access of memory in Memo and Address which could cause

unpredictable crashes.

v0.17 - Fixed some more possible memory access bugs.

- Conduits now properly dispose of their MUI gui elements.

- Cleaned up some illegal memory accesses in Spitfire throttle process.

- After editing of an Address item the viewed address is now correctly updated.

- Enabled menu item "Conduit->To Do". Forgot to do it last time.

- Added Memo export, with multi-selection to memo conduit. I was going to do

this at a later time, but several people have been asking about it.

- Added Memo importing of ASCII files.

- Enhanced deleting of Memo items with support for multi-selection.

- Fixed spelling mistake in "Database" word.

- Modified code that adds items to log file listview.

- Fixed bug in Install conduit's file requester.

- Log listview was not jumping to the last line as it scrolled.

- Added new image to About requester. This requester is also created as needed
now, so it will save some memory (How many times does someone actually open
the About window?). For unregistered users though, this means the
window and image are created/disposed with each opening/closing. Sorry...

- Added ability to load external images for checkmarks, notes, alarms, and repeat
events. These images are now used in the conduits.

- Did I ever mention that all Spitfire images are loaded using Datatypes? ;-)

- All string gadgets in Address edit window now support multiple line entries. Useing
cursor keys to go up/down the buffer allows viewing of multiple lines at one
line entry at a time. Hitting return will create a new line (use cursor up to
get to previous line).

- Double-clicking on the Install conduit in the Conduit Action listview when
the file count is zero will now bring up a file requester for adding files.

- Datebook is somewhat funtional now. It allows viewing of entries and notes.
Still need to finish the edit window, synchronizing, and implement date
exceptions for datebook events.

* v0.18 - Updated install script to properly install required libraries and MUI
custom classes.

- Added Importing and Exporting of Address items in CSV (comma seperated values)
format.

- Added multiple selection for exporting and deleting in Address.

- Made changes to Memo and Address menus, with addition of a select all and none items

- Changed appearence of Export/Import status windows.

- Rewrote system backup code to fix some problems and memory leaks (didn't anyone
notice these problems besides myself?)

- Opening and closing of conduits several times lead to major memory leaks.

* v0.19 - The datebook wasn't cleaning up after itself!

- Modified ToDo list column titles.

- Added deletion and addition of todo items.

- Added ability to synchronize todo items.

- ToDo items should now be sorted by completion.

- Double-clicking in Note column now allows editing of notes for the selected item.

- Removed redundant Export and Import menus from Memo and Address.

- Added Import/Export of Addresses from/to CManager.

- Device name in Spitfire prefs was truncating devices which where longer than 15
characters. Max limit now at 25, which should handle all serial devices.

- Fixed changing of username id so that pressing Cancel or not altering the user name

will not cause a syncing.

- Spitfire would not properly backup system files if user directory was empty or

only conduit .pdb files exited.

- Fixed problem of new memos added from Amiga not syncing with Pilot.

- Other minor fixes here and there.

v0.20 - Restoring databases to a Pilot was not working correctly. Hopefully it now works

as it should.

- Minor fixes in scanning for serial devices.

- Probably some other stuff I don't remember

- Began work on SpitfireNG... :-)

* v0.21 - Fixed problem of imported items not being synced if they were not edited first.

- Filter for install requester changed from *.(prc|pdb) to #?.(prc|pdb), since

some systems do not have wildstar support activated.

- Again fix a small problem in the scanning of serial devices on systems (sigh...)

* v0.22 - Forgot to change the expiration date! Opps...

* v0.23 - Change expiration date for demo version to Dec. 31/99

- Addition of NewIcon Images by Phil Vedovatti!

- Items that were added from Spitfire for Memos, ToDo, and Address Book were not

being properly synced.

- Added latest textinput classes to archive.

- Update of install script for installing new images.

(an asterisks (*) indicates an Aminet Release)

1.30   Future

Write to me and tell me what would be cool to add to Spitfire!

Things that are currently planned:

· Import/Export of To Do items in CSV format.

· Full synchronizing of all standard Pilot conduits.

· Drag'n'drop of .prc/.pdb files onto Spitfire for syncing.

· Importing files by drag'n'droping into conduits.

· Localization of Spitfire.

· Modified XEN, XHelvetica, Times, and Helvetica fonts that incorporate

the missing glyph that the Pilot supports.

· Better documentation (I hate doing this kind of stuff...)

Additional suggestions by users:

· Email conduit - I would like to do one, but my PalmPilot Personal does not have an

email applications, thus there is no way for me to develope one. :-(

· Conversion of text files into Doc format.

· Full ARexx port and access to all of Spitfire's features.

· Saving of log files.

1.31   Index

Do you really need an index?

1.32   Registration

Registration

Please read carefully the following text!

The method of registration is very simple. You only have to print the registration form , fill it in and send it to me along with the required sum of money.

The registration fee is $20 US

You can choose between various methods of payment:

o Send money in an envelope, together with the registration form.

o Make an international postal money order, and send the registration

form in an envelope.

You can choose whether to receive the keyfile via e-mail or via normal mail.

o If you decide to receive it via e-mail, please specify your e-mail

address on the registration form. This is the fastest and preferred

method/

o If you decide to receive it via normal mail, please enclose a

pre-formatted floppy disk (DD 880k only) into the envelope.

I will ship you the keyfile as soon as I have received BOTH the registration form AND the money. If you request a shipment via normal mail, please allow 2-8 weeks for delivery.

I'll repeat my address here:

Ralph Torchia

3069 Suffolk

Windsor, Ontario

CANADA N8R 1P1

If anything is not clear, please write to me for more information.

Thank you!

1.33   Registration Form

SPITFIRE REGISTRATION FORM

Please print and fill in this registration form, then send it together with the payment to:

Ralph Torchia

3069 Suffolk

Windsor, Ontario

CANADA N8R 1P1

<-----------------------------CUT HERE-------------------------------->

SPITFIRE REGISTRATION FORM

===========================

I would like to become a registered user of Spitfire. To this purpose,

along with this registration form, I'm sending (enclosed in the same

envelope):

[ ] The required sum of money (see below) as cash

[ ] An international money order for the required sum of money

I acknowledge that the required sum of money for the registration is:

· $20 US for shipment of the keyfile

I want to receive my personal keyfile, as soon as possible, by:

[ ] Electronic mail (e-mail) at the address specified below

[ ] Normal mail (please enclose a pre-formatted 880k floppy disk)

If the keyfile is sent via normal mail, I allow 2-8 weeks for delivery,

starting from the day the author will have received both the registration

form and the money.

My personal information is:

First name:_____ Last name:_____

Address:_____ Apt. Number:_____

City:_____ State/Prov:_____ ZIP/Postal Code: _____

Country:_____

E-mail address:_____@_____

Spitfire version I'm using:_____

Optional information:

Configuration of the Amiga(s) I own:_____

_____

Configuration of the Pilot(s) I own:_____

_____

I guarantee that the keyfile I will receive will not be distributed and

will be used only by me on one or more computers owned by me. I also

acknowledge that future upgrades of Spitfire may require a nominal update

registration fee.

Signature:_____ Date:_____