SIM express

Version 1.0
Cellular Phonebook Manager
for Mac

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Quick Guide Revision 1.0

Contents:

General

Hardware requirements

A Mac, with MacOS 8.1, or above, installed. MacOS version 8.6 is recommended.

A cellular phone or other device that has a serial interface and supports the following AT-standard commands: +CSCS,+CPBS, +CPBR and +CPBW, and is capable of utilizing the default GSM charset.

In other words just about all cellular phones that have built-in modems, or other phones with well equipped data-cards.

It is highly recommended that you test this application with your configuration, before registering. If you have problems, please don't hesitate to contact us. There are so many phone manufacturers, phone models and datacards in the market today, that we are simply unable to test all of them. Your feedback is therefore needed, so that we can work to improve the SIM express in right way.

Tested with

The list below consists equipment that has been used during testing process, but it

Macs:
- PowerBook G3 (233 to 500MHz)
- PowerBook 1400 (via cable, infrared is not compatible with cell phones)
- iMac (all models)
- iBook (all models)
- Blue/White G3 400MHz
- Beige G3 350MHz.

USB Adapters
- Keyspan USB DB9
- Keyspan Twin
- Entrega 9pin Serial Adapter

Other adapters
- Macintosh Modem Cable with DB25-to-DB9 adapter
- Nokia Cellular Data Card DTP-2

Connection methods:
- Infrared in PowerBook G3s
- Manufacturers serial cable with devices that support cable connection
- Nokia 8110 was used through the Nokia DTP-2

Cellular phones
- Nokia 6210, 7110, 8110 (via DTP-2), 8xxx series and Nokia Card Phone 2.0

- Benefon Twin/Twin+, Q
- Ericsson Infrared Modem, SH 888

Note that Manufacturers like Nokia, have different model numbers for products in Europe and in the US, even though the insides of the phones are pretty much the same, at least in the way that matters in SIM express.

Also note as the developer aknowledges that there is a tiny possibility of some small unwanted features (bugs) in SIM express, there can also be problems with phone, the same way: there are different software versions of the same phone, and there can be small temporary hardware problems, just to name a few based on the experiences we have. Don't give up upon the first problem you encounter, try again, rebooting the phone might also help. If the problem still continues, and it seems like a problem with SIM express, contact us.

What can you do with SIM express?

You can edit the different phonebooks stored in your phone, and exchange information with desktop applications.

There are two ways available in SIM express to do this: If you just need to quickly add names to the phone or change a number, use the Quick Edit feature. It opens the phone's memory in online edit mode and changes are made instantly. The editing possibilities are naturally more limited compared to the other method: you can open the phone's memory as a new file, which you can edit in more flexible manner, and in your own pace. You can save the file, open it for later use or print it, like any Macintosh file. And when you want, you can Save it back to phone, in either of the editable memories (SIM and device memory).

While Quick Editing the serial port used is reserved until the Quick Editing window is closed , and cannot be used by other applications (like Message Express or Remote Access); but Open From/Save To editing only uses the port when exchaning information with the phone.

You can also import information from any comma or tab separated text file, like the ones you can export from Microsoft Outlook Express or Microsoft Entourage. Naturally you can also export the phonebook as a text file, back to those applications, using export command.

And if you are using the Nokia Communicator 9110 and MacSuite, you can exchange information between MacSuite and SIM express using the MacSuite Import/Export.

Working with SIM express

About phonebooks (memories)

Standard

A cellular phone typically has at least two editable phonebooks available: the SIM card memory (which actually is in the SIM card) and the phone's own memory, which usually is bigger and can hold longer entries.

SIM express asks the selected memory for its limitations (maximum entry count and maximum field lengths), which are then set as initial settings for the memory window.

Note: There are known cases where SIM card memory returns incorrect information about itself. SIM express tries to detect weather the actual information matches the given characteristics, and informs the user if necessary.

The characteristics can be changed with Edit->Trim & Resize (not available in Quick Edit).

For advanced users

In addition to SIM and phone memory, for advanced user there are also other memories available which can be read, but not edited. There are some exceptions to this rule (naturally), but in SIM express we treat the other memories simply as read only lists, if they are available.

Note: Read only means it cannot be Quick Edited or entries cannot be Saved into it. Also you need to enable Expert mode in the Preferences dialog, if you wish to use them.

Such memories are: Missed Calls List, Dialled Calls List, Received Calls List, SIM fixed dialling, SIM last dialled, Emergency numbers list, Combined device and SIM, Own numbers (MSISDNs) list and Terminal Adapter phonebook

Note: The available memories depends on the device (and its software version), and you might not have all of these memories available in your phone, so you need to try.

Custom memory

With the File->New you can create an empty, custom sized memory for any purpose.

Main view and entry editing

Main Phonebook window
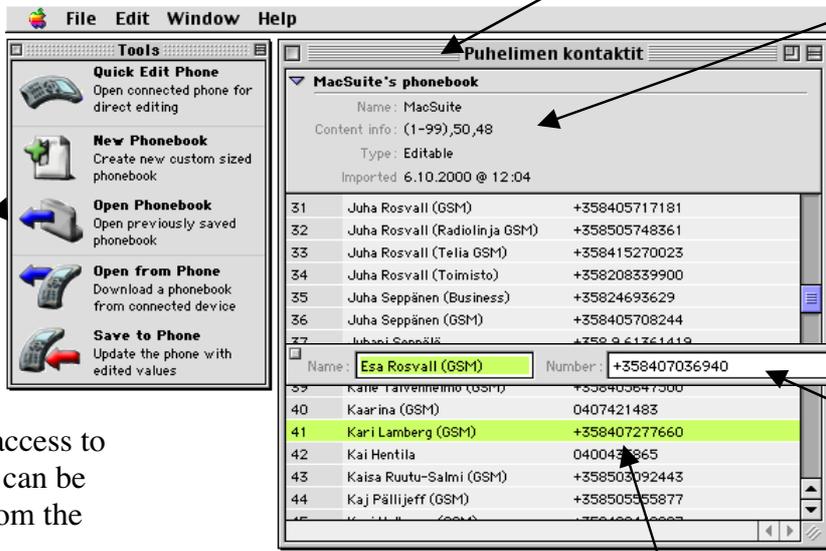
Memory information and characteristics shown.
Toggle visibility with the small blue triangle in the left corner.

Tools

Quick Edit Phone
Open connected phone for direct editing

New Phonebook
Create new custom sized phonebook

Open Phonebook
Open previously saved phonebook

Open from Phone
Download a phonebook from connected device

Save to Phone
Update the phone with edited values

Puhelimen kontaktit

▽ MacSuite's phonebook
Name : MacSuite
Content info : (1-99),50,48
Type : Editable
Imported 6.10.2000 @ 12:04

31	Juha Rosvall (GSM)	+358405717181
32	Juha Rosvall (Radiolinja GSM)	+358505748361
33	Juha Rosvall (Telia GSM)	+358415270023
34	Juha Rosvall (Toimisto)	+358208339900
35	Juha Seppänen (Business)	+35824693629
36	Juha Seppänen (GSM)	+358405708244
37	Juhani Seppälä	+358 9 61361419

Name : Esa Rosvall (GSM)   Number : +358407036940

39	Kalle Talvenheimo (GSM)	+358405647500
40	Kaarina (GSM)	0407421483
41	Kari Lamberg (GSM)	+358407277660
42	Kai Hentila	040048365
43	Kaisa Ruutu-Salmi (GSM)	+358503092443
44	Kaj Pällijeff (GSM)	+358505555877
45	Kari Hollmén (GSM)	+358400412827

Tools for quick access to main functions - can be hidden/shown from the Windows menu.

Double-clicking an entry opens the entry editor. **Clicking outside** the window, clicking the close box or pressing **enter** saves the entry. Pressing **esc**-cancels editing

Edit

Undo	⌘Z
Cut	⌘X
Copy	⌘C
Paste	⌘V
Clear	⌘B
Duplicate	⌘D
Select All	⌘A
Select None	⇧⌘A
Clean Up	
Arrange by Number	
Arrange by Name	
Trim & Resize...	
Preferences...	⌘;
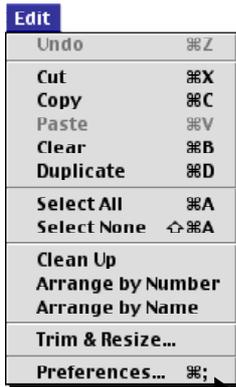
Editing in memory window

With Option-key down you can rearrange the entries with mouse in memory window.

You can drag and drop entries between memory windows, also copy & paste. Note that entries are always *inserted* into the destination, and memory is resized accordingly.

With Clean Up (see Edit menu) you can arrange all used entries to the top of the memory. Arrange by commands sort the memories by the selected field.

Set the default serial port and toggle Expert mode (to view all phonebooks) in Preferences

Default serial port
Infrared Port
The default selection when opening phonebooks from device
☑ **Show all possible phonebooks**
Shows all phonebooks defined in GSM standard (for expert user)
[Cancel] [OK]
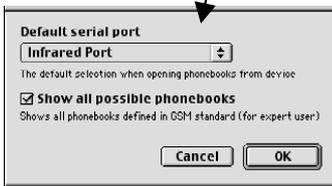
With Trim & Resize (see Edit menu) you can change:
• the maximum entry lengths
• and the size of the phonebook
• and also remove non-critical characters (like space, quotes, minus, etc.)

Trim & Resize

☑ **Trim entry lengths**
Maximum length of name field: 48
Maximum length of number field: 50
Names can be trimmed to suitable length for compatibility with certain phonebook. Entries can also be edited manually.

☐ **Resize phonebook to** 99 **entries**

☐ **Strip extra characters**
Removes some non-critical characters, like spaces and quotes, from name field entries.

[Cancel] [OK]
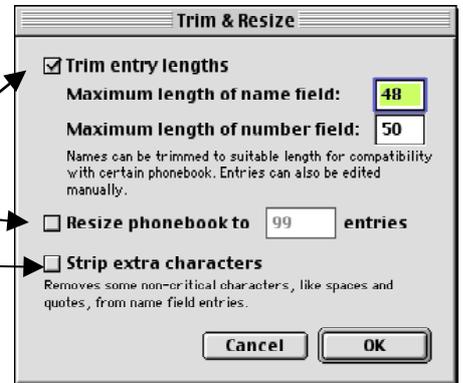
Quick Editing

Quick Editing differs from normal editing the following way:

• Duplicating, cutting, pasting or dropping entries is not possible.

• Trim & Resize cannot be used.

• Sorting and cleanup cannot be used.

• Entry editor has more options and different behaviour:

Save button save the entry
Delete button clears the entry
Cancel button just closes the editor (also pressing **esc**-key or clicking outside the editor does the same)

Note: If you need to do more extensive editing just open the same memory with Open From Phone command, edit it and save it back to phone with Save To Phone command.

Exchanging information with the device

Quick Edit Phone
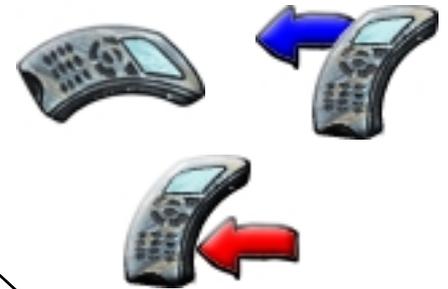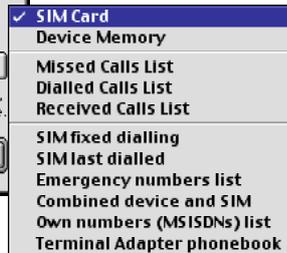
Choose the memory you wish to Quick Edit and the serial port where the device is connected. A progress dialog is shown during the process, you can abort by clicking the Stop button.

Open from Phone

See Quick Edit process. Result is a new editable memory window.

Save to Phone
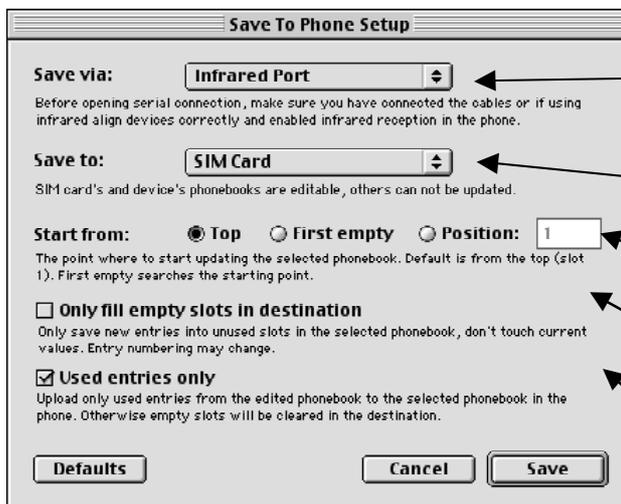
Select the serial port where the device is connected.

Select the memory you wish to update (either SIM or device memory).

Starts saving entries from the top, from the first empty entry or from selected position.

Saves entries only to unused memory slots.

If not selected then clears the entries in phone which are blank in memory window.

Note: If the selected memory in the device has less space and/or smaller entries than the ones in memory window, user is informed before updating.
Also, if there were errors updating the memory, an information dialog is shown and you can check the log to see which entries failed to update.

Importing

From Text File

Select tab or comma separated text file and the following
Import settings dialog will open:
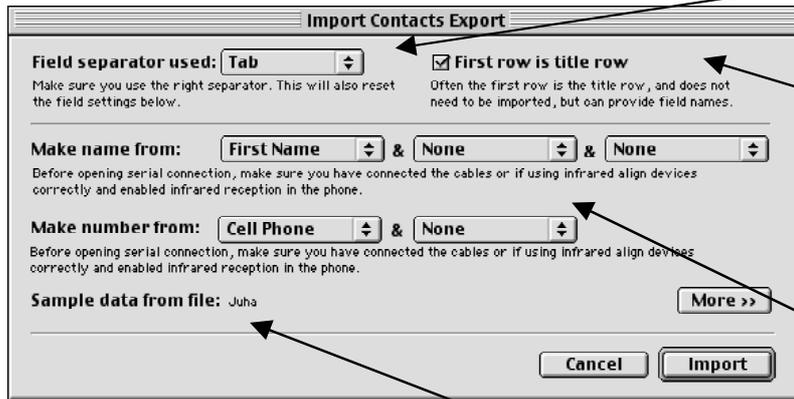
Adjust selected file's field
separator (Microsoft's OE uses
Tab)

If the first row of the file
contains field titles, check this
item and the names will used
in the popup menus. Otherwise
fields will be indicated as Field
1, Field 2, etc.)

Select the combination of
fields that are made into the
entry's name and phone
number.

As sample entry from the file
with the selected settings is
shown, with More you can se
the next row of data.

From MacSuite

Select MacSuite database (file named MacSuiteData.rdb), which exists in Data-folder,
inside the MacSuite application folder. Then you can set the import settings in the
following dialog.
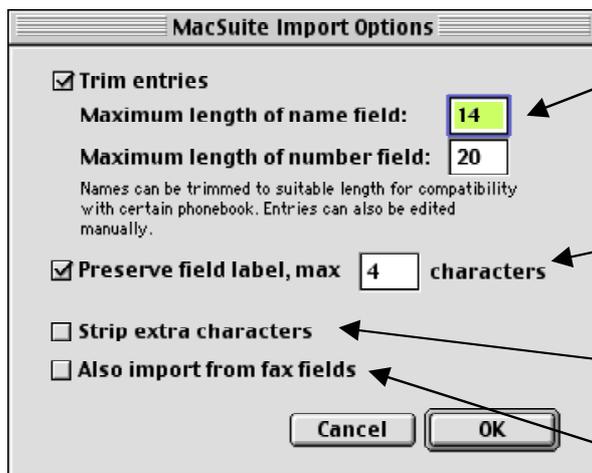
You can choose to make entries the
certain size during import. If not selected,
all information is imported and size is
measured from actual data.

You can choose to preserve MacSuite's
field labels (like GSM, home, Business) in
imported entries. (Would look like this:
Juha Rosvall (GSM)

Strip extra characters removes spaces,
quotes, etc. to save space.

Check this option if you also want to
import fax fields from MacSuite.

Exporting

To Text File

Exporting is a straight forward procedure, like saving a file. Exported text file containts the entries in tab separated field format, name field is first, then number field.

To MacSuite

Select the MacSuite database you wish to update (file named MacSuiteData.rdb), which exists in Data-folder, inside the MacSuite application folder. The entries will be *added* to the MacSuite contacts.

Note: The MacSuite must be closed during the exporting process.