

PhoneInfo 1.4

COLLABORATORS

	<i>TITLE :</i> PhoneInfo 1.4		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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REVISION HISTORY

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Chapter 1

PhoneInfo 1.4

1.1 PhoneInfo 1.4

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-- PhoneInfo requires the LSD DOORS keyfile --

1.2 Introduction

Introduction

This little door tells your users how much their call is costing by working out where they live, asking their phone company then figuring what the cost band is and finally comming up with the cost (phew).

It works by holding all the known rates in a directory for each phone company, it then sees what time it is - peak, cheap or weekend rate, and then looks in a list of local STD codes and regional STD codes for the phone company they chose and if it is then it displays the appropriate cost.

P.S. This has been made much easier to use in recent versions.

Requirements

MAX's BBS 1.54 68000 version or MAX's Pro.

A BT Phone Book, or at least a list of your local and regional STD codes.

'LSD_Doors.key' in 'Sys:S/'

Thats ya lot :).

1.3 Disclaimer & Distribution

Licence

Licensed to be used on any system with the LSD_DOORS.key keyfile, this means you must be registered for LSD DOORS to use this door, see the file '-Regform-' contained in this archive.

This software and accompanying archive must not be altered in any way. This may only be freely distributed with no additional cost except a small charge for the media that it is contained on, no charge must be made if downloading via modem or ISDN for example.

This is not a GNU public release, but is licensed as 'private shareware'.

NO WARRANTY

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OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Additional note: This program has been tested and should not damage your system.

1.4 Installation

Installation

As of 1.3 of PhoneInfo, I made this a little easier! So hopefully everyone will be able to use PhoneInfo now. Firstly, unarchive or copy these files to Doors:, so everything resides in Doors:PhoneInfo/, you should then see something like 6 directories and a few files.

Let's get down to it!

For most people, all you need to do is define your STD codes, the most common are Local and Regional numbers, some companies have variations but for now all you need to do is grab your phone book and get a list of the numbers that are Local and Regional to you. These numbers can be found near the front of your phone book. There is also a file named SpecialDays.cfg as of 1.4 which allows you to tell PhoneInfo what days are weekend rate (afaik all phone companies do this) like Christmas Day & New Years Day, this is explained later.

Enter all the numbers that are local to you in a file named Local.codes & all the numbers that are regional in a file named Regional.codes, place these files into the Doors:PhoneInfo/ directory. Put a blank line after you have entered all the codes and save each file.

E.g.

```
01705
01703
blah
blah
```

Just for your information, you don't actually need to call these files Local.codes and Regional.codes - but this is what i've called them and the rates files reference them as these filenames, so this will save any further alterations.

You should run PhoneInfo from two places:

- o Doors:Introdoor.text
- o On your main menu.

On main menu you should run it with ! as the argument - this will go into menu mode, if you don't have ! as an argument it will just quit after it is run, this is meant for the Introdoor.text -- ie. take any screen clears out of your Intro.text and it will look quite good! You don't have to have it on your Introdoor.text if you really don't want it, but it looks alot nicer, but you

must have it on your main menu.

E.g. For Introdoor.text:

PhoneInfo/PhoneInfo

E.g. For main menu:

Key	Function	Extra	Lo acc	Hi acc	Filename/Name/Dest/Path
P	34	0	0	10000	Doors:PhoneInfo/PhoneInfo !

You may also run it as a Max's Pro door (cos it is, just with Max's Pro emulation if you don't have it) in which case you put + in the command line when running it.

In more depth...

Basically, thats all you need to do, but if you want to add or change any of the phone companies here is what is happening there:

In the PhoneInfo directory you will find a bunch of directories and files, each directory represents a telecommunications company and contains several files, one for each "location rate" (e.g. Local, Regional) and one for the rest, e.g. National.

The rate files are named Rates.1, Rates.2, etc. and you can have as many as you like, it's preferable (as they are displayed in this order) to have the Local first, then Regional, etc. and 'Rates.Main' is for the rest and last. Each phone company must have Rates.Main, but Rates.1, .2, etc. is optional.

The file format for 'Rates.#' is:

```
Name of Rate
Peak rate cost,Cheap rate cost,Weekend rate cost
[STD code files to refer to]
```

The costs are in pence per minute and must be separated by a comma. Peak rate is weekdays 8am-6pm, Cheap rate is weekdays 6pm-8am, Weekend rate is Saturday midnight to Monday midnight - I think this is right for most companies.

The STD code files to refer to are the files that you created earlier (Local.codes, Regional.codes), most phone companies have a local and regional distance band, you may list as many different codes files as you like, each one on a different line. You do not need to enter 'Doors:PhoneInfo/' as this is automatically preceeded to the codes filename, in other words you may just enter e.g. Local.codes.

E.g.

```
Local
5,3,2
Local.codes
```

or e.g.

A Strange Charging Phone Company Local
 10,9,4
 Local.codes
 Regional.codes
 Bitfurther.codes

P.S. Free calls are 0p per minute :o).

The file format for 'Rates.Main' is:

Connection free (pence)
 Minimum charge (pence)
 Charges for national rate (Peak rate cost,Cheap rate cost,Weekend rate cost)

The same rules apply as the above.

All the phone companies I have come across have already been set-up in this archive! This will be fine for most people.

Special Days

Some days of the year have special rates, the phone companies must feel festive or something and make these days Weekend Rate. Some of the days that are special days include Christmas Day, Boxing Day and New Years Day. As of 1.4 oh PhoneInfo these days are supported, you enter the information into a file named SpecialDays.cfg located in the main PhoneInfo directory. The file that comes with PhoneInfo looks something like this:

```
25-Dec
Christmas Day
26-Dec
Boxing Day
1-Jan
New Year's Day
```

Each special day takes up two lines, one for the date, and the other for the name of the event. The date is a simple substring search which means you could enter anything, like:

```
10-          The 10th day of every month, every year.
11-Apr       The 11th day of April, every year (my birthday).
24-Sep-98    The 24th of September 1998.
-00          Every day of the year 2000, 3000, 4000, etc!
Aug          Every day in August.
Mar-12       Every day in March, 2012, 3012, etc.
```

It's very flexible, the date is seperated by hyphens (-), the first part is the day, the 2nd the first 3 letters of the month name, the 3rd is the last two digits of the year. Don't enter something like just "12" as it could be the 12th day or 2012 (or indeed 3012), use a hyphen in the appropriate place.

The file can end with a blank line, or no line at all, it's upto you, but it each entry must have 2 lines to it.

That's it...

The LSD_DOORS.key must be present in s: for this proggy to work, which means you must be a registered LSD DOORS user. This is a MAX's BBS door only.

1.5 In use

In use

Once you have installed the prog, it's time to check it out, log-in as normally and it will pop up JUST BEFORE your Introdoor.text if you installed it as recommended, it will then ask you what phone company you want, you'll probably want to disable it as your logins cost nothing! :)

Each user's settings are written to 'UserSettings.cfg' - it writes the directory name as the users option incase the order of directories changes (don't change the directory names tho).

If you come across any other phone companies, send me the details and I can then include it in later versions and make files for you if you don't know how to make them yourself (explained in the install section).

You should have it installed on your main menu, when you access it from there you will be displayed with a menu (if PhoneInfo has been disabled it will only be a small menu with two options on it..) here is what the options do:

(L)ist of area codes to this BBS

Lists all the area codes to the BBS except national codes (Local and Regional codes may vary from company to company).

(P)rice of calls when calling this BBS

Shows the price of calls per minute for the current phone company, the 3 most popular price bands (Premium, Cheap and Weekend) and the distances.

(S)et your phone company

Brings up the menu you see when you first use the program, although you can hit enter and it will keep the company you had set before.

(C)ost calculator (work out how much a call cost you)

Lets callers work out how much a call cost them, they are asked a few questions and then it tells them how much it cost.

(A)lter your phone number

Does just that!

(Q)uit PhoneInfo

Takes over the world.

Thats about it I think, if you have any questions then feel free to contact me, If I get around to it I will make the configuration easier, but I don't think it will be in the immediate future.

Don't forget you will need the LSD DOORS keyfile in 'Sys:S/' for this to work, read the -RegForm- or -RegForm-Oz- (For Australians) and everything for more info.

1.6 ANSI Files

ANSI Screens

There are four screens:

Intro.text - displayed when a user hasn't used the door before.

Fullmenu.text - displayed as the menu.

Disabledmenu.text - for the disabled PhoneInfo menu.

Failed.text - this is displayed when PhoneInfo can't figure out the caller's area code from their phone number.

These screens should not have screen clears or ANSI resets in them! But you can edit them to whatever you like.

1.7 Bugs???

What bugs??

If you come across any bugs, please
contact me
....

However, there is one I already know about, it is a rounding-bug in the AMOS or Operating System maths libraries (not sure which one is responsible, probably AMOS), some floating point numbers will be rounded wrong, this is noticable on the Weekend Rate of some phone companies. This is totally unavoidable and is an error in the programming language, sorry :o(.

Thankfully, thats the only bug (I hope!)...

1.8 Credits, Contacts & Greetings

Credits

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With thanks to Niki Murkett to the AMOS Multitasking patch and KewlDoors!

Contacts

I can be reached at:

Total Eclipse BBS: +44(0)1983 522428 - 24 hours - 33.6k - I'm the sysop
Internet E-Mail: steeevc@ndirect.co.uk
Homepage: <http://www.geocities.com/SunsetStrip/Palms/9914>
FluffyNet: 888:104/0

Steve Clack
9 Buckbury Heights
Newport
Isle of Wight
PO30 2LX
England

See the '-Regform-' for more information on registering LSD DOORS.

Greetings

All registered LSD DOORS users!

Niki Murkett, Leigh Russ, Dr. X, Wendell Watanabe, Glen Martin, Luigi, StoneCold, Pete Laird, Bullseye, Christopher Jeffery, Bradman, Skutter, Kevin LaRocque, Jim Oloughlin, MR TOAD, Paul Waite, Sheep Strike, Sykoe, Erland Andreassen, Robert Swain, mR bOOMBASTIC, Shakey and Bomma.

Fluffynet UK, Fluffnet Oz, the guys on e-mail, and everyone else! Sorry if I forgot you!

1.9 History

History

V1.0 - The first version!

V1.1 - If the area code can't be evaluated but PhoneInfo has been disabled, it won't ask if you want to change it.

Added ANSI screens so you can configure the text, "Intro.text" for the Introductory text, "Fullmenu.text" for the full PhoneInfo menu, and "Disabledmenu.text" for the disabled PhoneInfo menu (these screens should not have screen clears or ANSI resets in them!).

Changed some of the menu item names.

Added a Call Cost Calculator, which allows users to figure how much a call costed them on their phone company. Asks for the rate, distance and the length of the call.

Updated the National Rate for BT peak rate (cut by 10%) - I don't about other companies so please send me info if rates change.

If it thinks the area code doesn't conform at all (doesn't begin with

01) it won't suggest that you forgot a space or dash.

Forgot to include the Regform with the last release.

V1.2 - Updated keyfile reader (should work on all systems now!).

Updated various files.

Converted to KewlDoors.

Fixed some small bugs.

Cheap rate now works in Call Cost Calculator.

V1.3 - Wrote an internal day calculator, so it's a bit faster now (less disk access), saves having to use the Date command too.

Updated a couple of the call cost entires, but I don't know about cable companies, so please tell me if the rates are wrong.

New method for writing the rates files, you need no longer alter the rates files, only if you want to add a new company or change the actual costs because now all the STD codes are held in just two (or more if needed) files, check out the
installation section
for more

info! This should make it a lot easier if you couldn't figure it out before, but you will need to change some files if you're upgrading.

Changed/fixed a few other things.

Added "Change phone number" to the main menu.

Added Failed.text which is displayed when the area code can't be worked out.

Tried to make it a bit more multi-country, maybe someone can make a special pack for each country?

V1.4 - Fixed bug in changing phone numbers.

Added current number display for when it can't work out the area code and asks if the user wants to change it.

Added SpecialDays.cfg to tell PhoneInfo about what special days there are, if it is a special day PhoneInfo will change it to weekend rate. See

Installation
for more information.

Changed the text so that it makes sense if you don't have PhoneInfo in your Introdoor.text, you still must have it on your main menu tho.

Oh, happy new year too :o)
