CallMan

COLLABORATORS

	TITLE : CallMan		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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CallMan

1.1 CallMan 1.3

```
CallMan 1.3
===========
(23.02.1998)


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 Shareware          Spare some bucks? ;-)
 Legal stuff        The usual...

 Installation       Get ready to rock...
 Requirements       What you need to run CallMan

 Usage              That's the way...
 Update 1.2 -> 1.3  Some notes...
 Modempriority      Who's the boss?

 FAQ                Frequently Asked Questions
 Bugs               PLEASE READ THIS BY ALL MEANS!
 Author             Who's done it?
 History            A long time ago, in a galaxy far, far, away...
 Future             It's up to you...
 Support            Where to look for new versions
 Rates files        I'm always happy to get new rates files!

 MUI                The best GUI
 Thanks             Just the usual thanks...
```

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1.2 Purpose

```
Purpose
=======
```

CallMan saves you the time looking for your address book and allows you to manage your addresses using its database (if you're looking for a REAL addressmanager have a look at ADM in biz/dbase/ on Aminet). Using a modem connected to your Amiga you can let CallMan dial up any of the persons in your database. As soon as dialling has been completed the phone call will be returned to your telephone. Some informations on each phone call (date, time, duration, conversation partner) will be saved to a logfile.

Furthermore CallMan can switch to "TelephoneBill" mode, calculating the total costs of your phone calls within regular (free adjustable) intervals. As a bonus CallMan can analyze the ASCII logfiles of the following programs and add these costs to your total costs: Miami (TCP/IP stack), Term and Ncomm (terminal software), MultiFax and GPFax (fax software), MultiTerm/KIT (BTX software), MicroDot-1 and Trapdoor (FIDO point program).

CallMan offers the possibility to analyze these logfile. You can view a list of all phone/modem calls, the total time of all calls, and their total costs. You can restrict the analysis using different criteria.

Using the statistics option you can have a look at the number and costs of all the different calls and on how the calls are distributed over the different weekdays and the daytime.

1.3 This program is shareware

CallMan is distributed under the concept of SHAREWARE. Anyone using this program for an extended period of time is obliged to pay the author (that's me :-) a shareware fee of $15, £10 or DM 20,-.

But DON'T PANIC... ;-)

CallMan is uncrippled. There are no annoying requesters and the program itself isn't restricted in it's functionality at all. By paying the shareware fee you only acquire the authorization to use this program for an unlimited period of time.

Just to set this straight:
You do NOT acquire any rights to claim updates or bugfixes. But this doesn't mean I won't further develop this program! Bugreportsm, comments and any suggestions to improve CallMan are always welcome!

In case of not paying the shareware fee and continued usage this program will change to "NIGHTMAREWARE", i.e. I will haunt the user in her or his nightmares with a nice little chainsaw for the rest of her or his life... ;-)

Let me know whether you like this program or not. Because if you don't tell me why you dislike it, I can't improve it! ;)

1.4 Legal Stuff

DISCLAIMER

1.5 Installation

There are two ways to install CallMan:

1. Start the installer script with a double-click on its icon.

2. Manual installation is simple:

   Copy the whole directory anywhere you would like it to be.

   CallMan saves its preferences file 'CallMan.prefs' in this place.
   You can select the destination directory where to save the database
   and the in the prefs section of the program.

   If you wish to you can copy the contents of the directory 'Catalogs'
   to "LOCALE:", although the program tries to load the catalog files
   from "PROGDIR:Catalogs" first.

   Unused foreign language manuals (directory 'Docs') and catalog files
   can be removed.

   The same is valid for unused rates files (directory 'Rates').

   When installing from scratch you can also delete the converter
   program 'CM_Converter'.

For the online help to work you have to rename your favourite version
of the guide (in the "Docs" directory) to "CallMan.guide".

To start CallMan simply double-click on its icon or type 'CallMan' when
using the CLI/shell. Before starting CallMan from the shell you should
always 'cd' to CallMan's home-directory or otherwise CallMan won't find
its preferences file.

There are no tooltypes or parameters (yet).

1.6 Requirements

To run CallMan you need...

- an Amiga :-)
- AmigaOS 3.0 or higher
- MUI 3.3 or higher
- a minimum screensize of 640x256 (sorry, NTSC users :( )
- a Hayes-compatible modem and a telephone hooked to the same phone line
  (not essential but useful if you want to use CallMan to dial)

CallMan has been successfully tested on:

```
 - A2000/Blizzard2060
   32/1 MByte RAM
   OS 3.1
   GVP Spectrum (CyberGraphX 2.25, CyberGraphX V3)
   14.400 modem
   2.400 modem

 - A500/MTEC-68020
   4/1 MByte RAM
   OS 3.1
   Multiface-III
   14.400 modem
```

1.7 Usage

CallMan can be controlled via mouse or keyboard. The most important
menu items have shortcuts assigned. All gadgets are connected via
the TAB-cyclechain.

The menus:

    CallMan menu
    TelephoneBill menu

```
   The windows:

       Main window
       TelephoneBill
       Edit window
       Quickdial
       Call window
       Analyze window
       Prefs window
       Edit rates files window
       TelephoneBill error window
       Import window
       Statistics window
       Numbers window
       Database category window
```

1.8 The CallMan menu items

```
Project          Misc                             Database
==============   ==============================   ==================
 About...         Preferences...                  Import...
 About MUI...     Edit rates files...             Show all entries
 Iconify          MUI...                          Edit database categories
 Quit             Cleanup logfile...
                   TelephoneBill window
                 -----------------------------
                   Log call without dialling...

About...
    Opens a little info requester.
    Shortcut: RAMIGA-?

About MUI...
    Some infos on MUI.

Iconify
    Closes all windows and sends CallMan to sleep.
    Shortcut: RAMIGA-i

Quit
    Quits the program.
    Shortcut: RAMIGA-q




Preferences...
    Opens the  prefernces window .
    Shortcut: RAMIGA-p

Edit rates files...
    Opens a window, where you can  edit the rates files .
    Shortcut: RAMIGA-r

MUI...
    Starts the MUI prefs.
```

```
    Shortcut: RAMIGA-m


Cleanup logfile...
    This menu item removes all 'aborted' phone calls (i.e. calls with an
    unknown duration) from the logfile. You will be prompted whether you
    really would like to perform this operation. After cleaning up CallMan
    tells you about the number of removed entries.
    Shortcut: RAMIGA-l


TelephoneBill window
    Switch to  TelephoneBill mode , a smaller window including
    automatic calculation of the total phone and modem costs at a user definable
    interval.
    Shortcut: RAMIGA-t


Log call without dialling...
    Opens the  Call window  without actually dialling the active
    phonenumber. Useful whenever you have "accidentally" dialled by hand but
    still wanrt to log the call. :)
    Shortcut: RAMIGA-w



Import...
     ASCII


Show all entries
    When active, CallMan will display all entries (including "invisible" ones)
    in the  main window  database list.


Edit database categories
    Opens the  database category window .
```

1.9 The TelephoneBill menu items

```
 Project           Misc
 ================  ========================
 About...          Preferences...
 About MUI...      Edit rates files...
 Iconify           MUI...
 Quit              Modem statistics
                    CallMan main window



About...
    Opens a little info requester.
    Shortcut: RAMIGA-?


About MUI...
    Some infos on MUI.


Iconify
    Closes all windows and sends CallMan to sleep.
    Shortcut: RAMIGA-i
```

```
Quit
     Quits the program.
     Shortcut: RAMIGA-q



Preferences...
     Opens the  prefernces window .
     Shortcut: RAMIGA-p

Edit rates files...
     Opens a window, where you can  edit the rates files .
     Shortcut: RAMIGA-r

MUI...
     Starts the MUI prefs.
     Shortcut: RAMIGA-m

Modem statistics
     Opens the  statistics window .
     Shortcut: RAMIGA-S

CallMan main window
     Switches back to  CallMan main window .
     Shortcut: RAMIGA-c
```

1.10   Main window

 The main window is divided into two logical groups.

 The upper group contains a list, displaying the names
 of the persons saved in the database, and below it four
 gadgets, used to manipulate the entries. Using the
 category popupgadget you can limit the displayed entries
 to any of the user-definable categories .
 The list itself is sorted according to the setting in the
  preferences window .
 The list has its own popup menu allowing for a quick
 access to the "edit" and "dial" options as well as adding
 the active entry to the "Dial" button's popup menu (see
 below).

```
     New
   Edit
  Delete
   Save
```


 The lower Group consists of two textgadgets, displaying
 name and phonenumber of the active entry. Below there
 are four gadgets:

```
         Dial                 Quickdial
```

```
    Analyze logfile              Quit
```

The "Dial" button has its own popup menu to which
you can assign up to four database entries (using
the menu as a REAL quickdial option).

1.11   Main window: New

Appends a new entry to the database. Using the edit window you
can enter the new record.

1.12   Main window: Edit

Using the edit window you can edit the data of the active
entry.

1.13   Main window: Delete

Removed the active entry from the database.

WARNING: There is NO security check! As soon as you press the
         'Delete' button, the entry will be removed.

1.14   Main window: Save

Saves the database to the directory specified in the
 prefs window .

1.15   Main window: Dial

Dials the phonenumber of the active entry and opens the call window .

Placing the mouse pointer over the gadget and pressing the right mouse
button will open the gadget's own popup menu. Selecting any of the four
entries will start dialling up the according person.

1.16   Main window: Quickdial

'Quickdial' lets you dial a phonenumber that is not included in the
database. You can enter the required data in the quickdial window .

1.17   Main window: Analyze logfile

```
Opens the  analyze window .
```

1.18   Main window: Quit

```
Quits the program.
```

```
WARNING: There is no confirmation whether you really want to quit the
         program and the database is NOT saved on exit!
```

1.19   TelephoneBill window

```
When switching to 'TelephoneBill' mode the main window is replaced by
the smaller 'TelephoneBill' window, consisting of only four textgadgets:
```

```
- the upper textgadget displays the calculating timespan.
```

```
- the next textgadget displays the phone costs.
```

```
- the textgadget in the middle shows the modem costs.
```

```
- the lower textgadget displays the total costs of phone and modem costs.
  Additionally you can tell the program to add a basic charge to the total
  costs. See  prefs window  on how to set this option and set
  the basic charge.
```

```
See  prefs window  on how to set the calculating
timespan as well as the calculating interval.
```

```
If you are online during calculation of the modem costs an '(online)' is
appended to the modem costs.
```

```
Whenever during calculation CallMan encounters a phonenumber not present in
the database, the default region set in the  prefs window  is used
as the region for this number. In this case the calculated costs might
differ from the actual value and the corresponding textgadget is marked
with an asterisk '*'.
```

```
If any of the logfiles couldn't get loaded you will either see 'no logfile'
(CallMan logfile missing) or an '!' (modem logfile missing) appended to the
costs.
```

```
In case of an error during calculation (phonenumber not present in database
or without region assigned) an  error window  will pop up
(if the corresponding option is set in the  prefs window ).
```

1.20   TelephoneBill error window

This small error window contains two lists and a "Continue" button to close
the window again.

The upper list displays all phonenumbers that are not present in the
database. To calculate the costs the program will use the default region
set in the prefs window as the region for these
unknown numbers. The actual costs might therefore differ from the
calculated value.
Using the buttons "Add active to database" and "Add all to database" you
can add the active number or all numbers to the database.

The lower list shows all phonenumbers that don't have a region assigned.
All these numbers will not be considered when calculating the costs. If
there are any numbers in this list, you can be sure the calculated costs
are NOT accurate.

1.21 Edit window

 Basics   Communication   Miscellaneous   Multimedia files   Categories

----

– "Hide entry?" :
  Activating this gadget will hide the entry and prevent it from being listed
  on the main window's list. Using the menu option
   Show all entries you can temporarily make all the "hidden"
  entries reappear on the list.

– button "Ok":
  Accept changes and return to the main window .

– button "Cancel":
  Drop all changes and return to the main window .

1.22 Edit window: basics

– stringgadget "name":
  The maximum length is 30 characters. You can use all characters
  except the two square brackets '[' and ']'. The name will be saved
  to the logfile.

– stringgadget "surname":
  The maximum length is 30 characters. You can use all characters
  except the two square brackets '[' and ']'. The surname will be
  saved to the logfile.

– stringgadget "Street":
  Maximum length is 30 characters. All characters are allowed.

– stringgadget "Areacode":
  Maximum length is 20 characters. All characters are allowed.

- stringgadget "City":
  Maximum length is 30 characters. All characters are allowed.

- stringgadget "Country":
  Maximum length is 30 characters. All characters are allowed.

- stringgadget "birthday":
  Maximum length is 11 characters.

- stringgadget "profession":
  Maximum length is 30 characters. All characters are allowed.

- "Hide entry?" :
  Activating this gadget will hide the entry and prevent it from being listed
  on the main window's list. Using the menu option
   Show all entries you can temporarly make all the "hidden"
  entries reappear on the list.

- button "Ok":
  Accept changes and return to the main window .

- button "Cancel":
  Drop all changes and return to the main window .

1.23   Edit window: Communication

 Phone, fax & modem numbers   EMail addresses

- "Hide entry?" :
  Activating this gadget will hide the entry and prevent it from being listed
  on the main window's list. Using the menu option
   Show all entries you can temporarly make all the "hidden"
  entries reappear on the list.

- button "Ok":
  Accept changes and return to the main window .

- button "Cancel":
  Drop all changes and return to the main window .

1.24   Edit window: Phone, fax & modem numbers

Using this page you can assign an unlimited number of phone numbers
to the active entry. Type, region, and a comment can be individually
defined for each number.

"Drag&Drop" to change the numbers order.

The buttons "New" and "Delete" should be self-explanatory. ;)

Use the gadgets below the list to change the numbers. You have to
activate the appropriate numbers first.

- stringgadget "number":
  Maximum length is 40 characters.
  Allowed characters: 0123456789/()+-| and SPACE

  NOTE: The analyze routines will skip any spaces around the logfile's
  phonenumbers. So be sure not to enter any additional spaces BEFORE
  or AFTER the phonenumbers in CallMan's database.
  Apart from this you have to enter the number the same way as it is
  saved in the logfile. This includes spaces WITHIN the actual number
  as they WON'T be skipped!

- cyclegadget "type":
  Define the numbers type:

  - phone
  - fax
  - modem

  Please note that CallMan needs atleast ONE "phone"number to dial
  and that only "phone"numbers will be listed in the numbers window .

  You don't have to specify any "phone"numbers when planning to use CallMan
  for analyzing modem logfiles only.

- cyclegadget "region":
  This gadget shows all the regions defined for the active rates file.
  There is at least the entry 'Unknown'. You should always set the correct
  region (as long as you know it) because otherwise this phonenumber will
  not be considered when calculating the phone costs.

- stringgadget "comment":
  A short individual note for each number. This note will be appended to the
  person's name whenever the number is listed somewhere or saved to the
  logfile.

- "Hide entry?" :
  Activating this gadget will hide the entry and prevent it from being listed
  on the main window's list. Using the menu option
   Show all entries you can temporarly make all the "hidden"
  entries reappear on the list.

- button "Ok":
  Accept changes and return to the main window .

- button "Cancel":
  Drop all changes and return to the main window .

1.25   Edit window: EMail addresses

Using this page you can assign an unlimited number of EMail addresses
to the active entry.

The buttons "New" and "Delete" should be self-explanatory. ;)

- "Hide entry?" :
  Activating this gadget will hide the entry and prevent it from being listed
  on the main window's list. Using the menu option
   Show all entries you can temporarly make all the "hidden"
  entries reappear on the list.

- button "Ok":
  Accept changes and return to the main window .

- button "Cancel":
  Drop all changes and return to the main window .

1.26   Edit window: Miscellaneous

- stringgadget "notes":
  Maximum length is 256 characters. All characters are allowed.
  This stringgadget will be replaced be a proper textfield gadget
  soon. :)

- stringgadget "name of bank":
  Maximum length is 40 characters. All characters are allowed.

- stringgadget "bank code":
  Maximum length is 20 characters. All characters are allowed.

- stringgadget "bank account":
  Maximum length is 20 characters. All characters are allowed.

- stringgadget "consultant":
  Maximum length is 40 characters. All characters are allowed.

- stringgadget "customer account":
  Maximum length is 20 characters. All characters are allowed.

- "Hide entry?" :
  Activating this gadget will hide the entry and prevent it from being listed
  on the main window's list. Using the menu option
   Show all entries you can temporarly make all the "hidden"
  entries reappear on the list.

- button "Ok":
  Accept changes and return to the main window .

```
- button "Cancel":
  Drop all changes and return to the  main window .
```

1.27   Edit window: Multimedia files

```
On this page you can attach an unlimited number of multimedia files to
each database entry.

The buttons "New" and "Delete" should be self-explanatory. ;)
Using the "Display" button or double-clicking on any of the entries
will instruct CallMan to display the corresponding file using the
multimedia viewer defined in the  preferences window

---------------------------------------------------------------------------

- "Hide entry?" :
  Activating this gadget will hide the entry and prevent it from being listed
  on the  main window's  list. Using the menu option
   Show all entries  you can temporarly make all the "hidden"
  entries reappear on the list.

- button "Ok":
  Accept changes and return to the  main window .

- button "Cancel":
  Drop all changes and return to the  main window .
```

1.28   Edit window: categories

```
Here you can assign the current database entry to one or more of the
 user-definable categories .

Double-clicking the entry will switch between "assigned" (marked with an "x")
and "not assigned".

---------------------------------------------------------------------------

- "Hide entry?" :
  Activating this gadget will hide the entry and prevent it from being listed
  on the  main window's  list. Using the menu option
   Show all entries  you can temporarly make all the "hidden"
  entries reappear on the list.

- button "Ok":
  Accept changes and return to the  main window .

- button "Cancel":
  Drop all changes and return to the  main window .
```

1.29   Quick dial

There are six different gadgets in this window: two textgadgets, one
cyclegadget, one checkmark gadget, and two buttons:

- stringgadget "Phonenumber":
  Maximum length is 60 characters.
  Allowed characters: 0123456789/()+-| and SPACE

- stringgadget "Name (optional)":
  An optional description of the phonenumber. This text will be saved to
  the logfile.

- cyclegadget "region":
  This gadget shows all the regions defined for the active rates file.
  There is at least the entry 'Unknown'. You should always set the correct
  region (as long as you know it) because otherwise this phonenumber will
  not be considered when calculating the phone costs.

- checkmark "Add name & number to database?":
  Check this gadget to append the phonenumber, short description and region
  to the database. The database will saved to disc.

- button "Dial":
  Starts dialling the phonenumber. If there is no number supplied, input
  will return to the textgadget "Phonenumber". In case of an modem error
  a requester will pop up. If dialling was successfull the quick dial
  window will be replaced by the call window .

- button "Cancel":
  Cancels the quick dial and returns to the main window .

1.30 Call window

Using the gadgets within this window, the user has control over beginning
and end of the time-logging. Furthermore this window displays some infos
on the conversation partner and the phone call itself.

The status display at the upper window border tells the user about the
state of the dialling process. The process itself can be aborted by
clicking on the close gadget anytime up to the point where the modem
actually starts dialling.

In the upper left corner CallMan displays some information on your
conversation partner.

Time-logging starts as soon as the dialling has been sucessfully completed.
The user has three buttons to control time-logging:

- "Conversation start":
  Resets the time-logging back to zero. You can use this button only once
  per call. After an reset this button and the "Cancel" button will be
  deactivated.

- "Conversation end":
  Tells the program about the end of the conversation. The duration of the

phone call (the difference between conversation start and end) will be
saved to the logfile. After this the window is closed and the program
return to the main window .

- "Cancel":
  Cancels time-logging and marks the phone call as unsucessful. The window
  is closed and the program returns to the main window .

In the lower part of the window there are four textgadgets with additional
information on the conversation:

- "Conversation duration":
  The already elapsed conversation time.

- "Remaining time till next unit":
  The remaining time until the next rates unit is due. Not available if
  the the used rates file is set to "costs/second".

- "Units due":
  The already used units. Not available if the the used rates file is set
  to "costs/second".

- "Phone call costs":
  The actual costs for this phone call.

If there is no region assigned to the called phonenumber, the lower three
gadgets will stay empty.

1.31 Analysis

CallMan provides an detailed analysis of the all supported logfiles.

The upper part of the window is shared among three registers:

 Total time   Conversation list   Total costs

The lower part contains some gadgets to choose the wanted logfile and to
limit the analysis using certain criteria.

- popupgadget "Logfile"
  Clicking on the popupgadget opens a list showing all the available logfiles
  (i.e. the CallMan logfile and all modem logfiles defines in the preferences .

- the search criteria:
  Only active criteria will be used.

  -> Time span limitation:
     Using the two stringgadgets the user can specify a date range. Please note
     that you have to supply the year in 4-digit form whereas day and month
     have to be in 2-digit form.

  -> Partner:

Using this stringgadget the user can limit the analysis to individual
conversation partners. CallMan searches for all logfile entries containing
this substring. If there is e.g. more than one person with the name
"Smithee" in the database you can search for all of them by specifing
just the name "Smithee". Please note that all logfile entries are saved
in the way

"surname name (comment)".

This is important when searching for individual persons (e.g. "Alan
Smithee" and not "Smithee Alan"!). To make this selection easier there is
a popup-gadget to the right, which will open a list containing all names
present in the database.

  -> Length of call:
     Analyze all calls with a length between the supplied minimum and maximum
     values (in seconds!).

  -> Phone call costs:
     Not yet available!

  -> Region:
     Analyze all calls whose number match the specified region.

- Button "Analyze":
  Starts the analysis of the logfile.

- Button "Cancel":
  Program return to main window .

1.32   Analysis - Total time

There are four gadgets to display the total time (in days, hours, minutes,
and seconds).

Using the cyclegadget to the right the user can decide whether to total
time shall be displayed

- "in seconds"
- "in minutes"
- "in hours"
- "in days"

The lower part contains some gadgets to choose the wanted logfile and to
limit the analysis using certain criteria.

- popupgadget "Logfile"
  Clicking on the popupgadget opens a list showing all the available logfiles
  (i.e. the CallMan logfile and all modem logfiles defines in the preferences .

- the search criteria:
  Only active criteria will be used.

```
    -> Time span limitation:
       Using the two stringgadgets the user can specify a date range. Please note
       that you have to supply the year in 4-digit form whereas day and month
       have to be in 2-digit form.

  -> Partner:
     Using this stringgadget the user can limit the analysis to individual
     conversation partners. CallMan searches for all logfile entries containing
     this substring. If there is e.g. more than one person with the name
     "Smithee" in the database you can search for all of them by specifing
     just the name "Smithee". Please note that all logfile entries are saved
     in the way

     "surname name (comment)".

     This is important when searching for individual persons (e.g. "Alan
     Smithee" and not "Smithee Alan"!). To make this selection easier there is
     a popup-gadget to the right, which will open a list containing all names
     present in the database.

  -> Length of call:
     Analyze all calls with a length between the supplied minimum and maximum
     values (in seconds!).

  -> Phone call costs:
     Not yet available!

  -> Region:
     Analyze all calls whose number match the specified region.


 - Button "Analyze":
   Starts the analysis of the logfile.

 - Button "Cancel":
   Program return to  main window .
```

1.33   Analysis - Conversation list

```
This register shows all phone calls matching the supplied search pattern.
The calls are sorted in a chronlogical way, displaying some informations:
date and time, conversation partner, duration of conversation, number of
units, region, and the individual call costs.
Phonenumbers not present in the CallMan database are printed in italics.

Double-clicking on any of the columns will sort the list according to
the column.

-------------------------------------------------------------------------------

The lower part contains some gadgets to choose the wanted logfile and to
limit the analysis using certain criteria.

- popupgadget "Logfile"
```

Clicking on the popupgadget opens a list showing all the available logfiles
(i.e. the CallMan logfile and all modem logfiles defines in the preferences .

- the search criteria:
  Only active criteria will be used.

  -> Time span limitation:
     Using the two stringgadgets the user can specify a date range. Please note
     that you have to supply the year in 4-digit form whereas day and month
     have to be in 2-digit form.

  -> Partner:
     Using this stringgadget the user can limit the analysis to individual
     conversation partners. CallMan searches for all logfile entries containing
     this substring. If there is e.g. more than one person with the name
     "Smithee" in the database you can search for all of them by specifing
     just the name "Smithee". Please note that all logfile entries are saved
     in the way

     "surname name (comment)".

     This is important when searching for individual persons (e.g. "Alan
     Smithee" and not "Smithee Alan"!). To make this selection easier there is
     a popup-gadget to the right, which will open a list containing all names
     present in the database.

  -> Length of call:
     Analyze all calls with a length between the supplied minimum and maximum
     values (in seconds!).

  -> Phone call costs:
     Not yet available!

  -> Region:
     Analyze all calls whose number match the specified region.

- Button "Analyze":
  Starts the analysis of the logfile.

- Button "Cancel":
  Program return to main window .

1.34 Analysis - Total costs

The upper textgadget contains the total costs of all phone calls matching
the search pattern.

The list below displays all phonenumbers that are not present in the
database. To calculate the costs the program will use the default region
set in the prefs window as the region for these
unknown numbers. The actual costs might therefore differ from the
calculated value.
Using the buttons "Add active to database" and "Add all to database" you
can add the active number or all numbers to the database.

The lower list shows all phonenumbers that don't have a region assigned.
All these numbers will not be considered when calculating the costs. If
there are any numbers in this list, you can be sure the calculated costs
are NOT accurate.

The lower part contains some gadgets to choose the wanted logfile and to
limit the analysis using certain criteria.

- popupgadget "Logfile"
  Clicking on the popupgadget opens a list showing all the available logfiles
  (i.e. the CallMan logfile and all modem logfiles defines in the preferences .

- the search criteria:
  Only active criteria will be used.

  -> Time span limitation:
     Using the two stringgadgets the user can specify a date range. Please note
     that you have to supply the year in 4-digit form whereas day and month
     have to be in 2-digit form.

  -> Partner:
     Using this stringgadget the user can limit the analysis to individual
     conversation partners. CallMan searches for all logfile entries containing
     this substring. If there is e.g. more than one person with the name
     "Smithee" in the database you can search for all of them by specifing
     just the name "Smithee". Please note that all logfile entries are saved
     in the way

     "surname name (comment)".

     This is important when searching for individual persons (e.g. "Alan
     Smithee" and not "Smithee Alan"!). To make this selection easier there is
     a popup-gadget to the right, which will open a list containing all names
     present in the database.

  -> Length of call:
     Analyze all calls with a length between the supplied minimum and maximum
     values (in seconds!).

  -> Phone call costs:
     Not yet available!

  -> Region:
     Analyze all calls whose number match the specified region.

- Button "Analyze":
  Starts the analysis of the logfile.

- Button "Cancel":
  Program return to main window .

1.35   Preferences

The preferences window is divided into three parts:

  Modem   CallMan   TelephoneBill

At bottom of the window there are three buttons:

- "Save":
  Closes the preferences window and saves the prefs to disc.

- "Use":
  Closes the preferences window without saving the prefs to disc. The changes
  are still active, though.

- "Cancel":
  Closes the preferences window and cancels the changes.

1.36   Preferences - Modem

This page allows configuration of your modem and your serial device.

Note:
You don't have to supply a closing '\r' with an modem command sequence.

- "Device":
  The name of the serial device used to communicate with the modem. Please
  check for correct spelling (the device name is CASE-SENSITIVE)!

  e.g. serial.device (AmigaOS's standard device)
        duart.device (device of the MultiFace serial card)

- "Unit":
  The unit of the specified device used to communicate with the modem.

- "Speed":
  The serial port's speed. Better not set this value to something higher
  than 57600 when using the Amiga's internal serial port.

- "Use OwnDevUnit.library?":
  When activated all access to the serial port will be routed through the
  "OwnDevUnit.library". "OwnDevUnit.library" can be found on Aminet.

- "Modem init string":
  The command sequence used to initialize your modem prior to each dial
  attempt. Sequence should start with 'AT'.

- "Modem <-> phone priority":
  Using this cycle gadget you can explicitly set the priority
  between phone and modem (see below). Selecting "modem > telephone" will

```
      disable the three "suffix2" gadgets.
```

  – "Dial prefix":
    The sequence used to start dialling. It's useful to end this sequence with
    'DP' (pulse) or 'DT' (tone) because the phonenumber will be attached to the
    end of this string. Sequence should start with 'AT'.

  – "Dial suffix", "Dial suffix 2", "Suffix 2 delay":
    Here you have to take the priority of your modem to your phone into
    account:

    -> modem has priority over phone:
       Simply insert the command sequence to "switch your modem back to command
       mode and hang up the line" into the stringgadget "Dial suffix".
       "Suffix 2 delay" and "Dial suffix 2" have no meaning.
       As soon as dialling is completed the modem hangs up the line, thus
       transfering it to the telephone (the receiver should be in your hand
       at this time :-)

    -> phone has priority over modem:
       Put the command sequence to "switch your modem back to command mode"
       into the stringgadget "Dial suffix". "Dial suffix 2" should contain
       the sequence to "hang up the line". Using the slider "Suffix 2 delay"
       you can set the timespan between dialling and hanging up the line
       (this is the time you have to get the receiver to your ear ;-)

    See here on how to find out how your phone
    and modem are configured.

  – "Show help window instead of suffix 2 delay?":
    With this option active, CallMan will ignore the settings under "Suffix 2
    delay" and instead of the delay will open a requester, asking the user
    to get the phone receiver. Only after confirming this by clicking on the
    "Ok" button will the requester close itself and transfer the call from
    the modem to the phone.

  – "Modem timeout (in seconds)":
    The maximum time the program waits for a modem response after dialling
    up. After this there usualy pops up an error requester and the program
    returns to the main window .

  At bottom of the window there are three buttons:

  – "Save":
    Closes the preferences window and saves the prefs to disc.

  – "Use":
    Closes the preferences window without saving the prefs to disc. The changes
    are still active, though.

  – "Cancel":
    Closes the preferences window and cancels the changes.

1.37   Preferences - CallMan

The CallMan mode preferences page is divided into two separate pages:

 Page 1   Page 2

At bottom of the window there are three buttons:

– "Save":
  Closes the preferences window and saves the prefs to disc.

– "Use":
  Closes the preferences window without saving the prefs to disc. The changes
  are still active, though.

– "Cancel":
  Closes the preferences window and cancels the changes.

1.38   Preferences - CallMan - Page 1

Some general settings:

– "Close gadget":
  Choose whether you would like a click on the window's close gadget
  quit the program or switch to TelephoneBill mode .

– "Sort database alphabetically":
  The database is automatically sorted. With this setting you can choose
  whether to sort it like surname/name or name/surname.

– "Double-click on database list equals":
  Choose the default action when double-clicking on the main window's
  list:

  – "nothing"   : Just do nothing.
  – "dial-up"   : Dial up entry.
  – "edit entry" : Edit entry.

– "Dial mode (multiple phonenumbers)":
  Here you can choose whether you would like to let CallMan automatically
  dial up the first phonenumber of the entry or open the numbers window .

– "Display entries containing numbers without region in italics?":
  Activating this option will display all those CallMan window database
  entries in italics, which contain atleast one number without a region
  assigned to it.

– "Display aborted calls in analyze window?":
  Using this option CallMan will not filter out all the aborted calls in
  the analyze window but display them in a bold style.

At bottom of the window there are three buttons:

– "Save":
  Closes the preferences window and saves the prefs to disc.

– "Use":
  Closes the preferences window without saving the prefs to disc. The changes
  are still active, though.

– "Cancel":
  Closes the preferences window and cancels the changes.

1.39   Preferences - CallMan - Page 2

Some general settings:

– "CallMan database & logfile path (path only)":
  Enter the complete path where to save the CallMan database and logfile.
  A filerequester is available via the popup-gadget to the right.

– "Multimedia viewer":
  Choose you own favourite viewer!

– Rates file information and button "Load":
  Pressing "Load" opens a filerequester used to select the desired rates
  file. If the specified file is no valid rates file or incomplete, an
  error requester will pop up. After sucessful loading the rates file's
  internal description is displayed.

– listview "Default region":
  This list defines one of the regions as the default region. Whenever
  CallMan encounters a phonenumber not present in the database, it uses
  this default region as that number's region. This ensures that the
  corresponding phone call won't be skipped during cost calculation.

At bottom of the window there are three buttons:

– "Save":
  Closes the preferences window and saves the prefs to disc.

– "Use":
  Closes the preferences window without saving the prefs to disc. The changes
  are still active, though.

– "Cancel":
  Closes the preferences window and cancels the changes.

1.40   Preferences - TelephoneBill

The TelephoneBill preferences pages again is subdivided into two pages:

 Miscellaneous   Modem logfiles

At bottom of the window there are three buttons:

- "Save":
  Closes the preferences window and saves the prefs to disc.

- "Use":
  Closes the preferences window without saving the prefs to disc. The changes
  are still active, though.

- "Cancel":
  Closes the preferences window and cancels the changes.

1.41   Preferences - TelephoneBill - Miscellaneous

Special TelephoneBill settings:

- "Close gadget":
  Choose whether you would like a click on the window's close gadget
  quit the program or switch to CallMan mode .

- "Open TelephoneBill window on startup?":
  Whenever this option is active CallMan won't open its main window on startup
  but the TelephoneBill window .

- "Add basic charge to total costs?":
  Whenever this option is active, CallMan adds the basic charge specified in
  the stringgadget to the total costs during each calculation.

- "Perform calculation..."

  -> "...for this month":
     Calculation starts with the first and ends with the last day of the
     current month.

  -> "...for timespan ranging":
     Calculation starts with the date specified in "from" and ends with the
     date specified in "till".

- "New calculation every":
  The time between performing two calculations.

- "Enable modem statistics?":
  Depending on the size and number of all the active modem logfiles,
  calculating the statistics can take some time. With this option set you
  can disable the calculation, although it now will be impossible to open
  the statistics window!

- "Show error window?":

Whenever this option is active and an error occurs during calculation,
CallMan pops up an error window .

- "Automatically add unknown numbers to the database?":
  CallMan can automatically add all unknown numbers to its database while
  analyzing any logfile.

At bottom of the window there are three buttons:

- "Save":
  Closes the preferences window and saves the prefs to disc.

- "Use":
  Closes the preferences window without saving the prefs to disc. The changes
  are still active, though.

- "Cancel":
  Closes the preferences window and cancels the changes.

1.42   Preferences - TelephoneBill - Modem logfiles

"Modem logfiles":
Using this list you can specify an (almost) unlimited number of logfiles
CallMan should analyze. These individual costs will be added to the total
modem costs.

Each entry of this 3-column list represents one single logfile. When
highlighted, the entries' contents correspond to the gadgets below. Using
the buttons "New" and "Delete" you can add new entries to the list or
remove old ones.

-> "Active":
   CallMan will only analyze "active" logfiles. All active entries in the
   list are marked with an "x". By double-clicking on an entry you can
   easily switch between "active" and "inactive".

-> "File":
   Path and name of the logfile. Pressing the popupgadget will open a
   filerequester for easier selection.

-> "Scanner module":
   To analyze a logfile CallMan has to know it's format. As it is sometimes
   quite difficult to decide which logfile you're dealing with the user has
   to manually specify this.
   CallMan is currently able to analyze the logfiles of the following
   programs (or compatible logfiles):

   - Miami   (TCP/IP stack)
   - NComm   (terminal software)
   - Term   (terminal software)
   - MultiFax   (fax software)
   - MultiTerm/KIT   (BTX software)
   - Trapdoor   (FIDO point program)

```
    - MicroDot-1       (FIDO point program)
    - GPFax            (fax software)
```

At bottom of the window there are three buttons:

- "Save":
  Closes the preferences window and saves the prefs to disc.

- "Use":
  Closes the preferences window without saving the prefs to disc. The changes
  are still active, though.

- "Cancel":
  Closes the preferences window and cancels the changes.

1.43   Edit rates files

This window lets you create new rates files or edit existing ones. Just after
opening the window is empty. Use the button "Load" below to load an old rates
file. You might also start a new file from scratch.

The window is divided into the following parts:

- stringgadget "Description":
  You should supply a short but quite meaningful info text. This text will
  pop up when setting the rates file in the prefs window . It's useful
  to include a standard version string [e.g. $VER: Name 1.0 (31.05.97)]
  into the description.

- floating-point gadget "Costs/unit":
  The costs of a single unit.

- group "Region":
  This list contains the different regions. There's no limitation on
  the region's names.

  To add a new entry, press "New". You can enter/change the name of each
  region in the stringgadget above. Confirm any changes by hitting RETURN.

  Delete existing entries by pressing "Delete".

- group "Days"

- group "Dates":
  This list contains holidays or other days (in chronological order) on
  which other rates than on usual weekdays are applied.

  To add a new date, press "New" and enter the date (2-digit form for day
  and month!) in the now activated stringgadget above. Confirm your entry
  by hitting RETURN.

  Delete existing dates by pressing "Delete".

- group "Time":
  Using this group you can specify different "day settings", i.e. different
  timezone settings for different days. Furthermore you can assign any
  of these settings to a day or a date and a region.

  -> the list to the left contains the different day settings. There is no
     limitation on their name.

     To add a new entry, press "New". You can enter/change the name of each
     day setting in the stringgadget above. Confirm any changes by hitting
     RETURN.

     Delete existing entries by pressing "Delete".

     Use "Assign" to assign the active day setting to the active day or
     date combined with the active region. You have to supply a day or
     date and a region!

  -> the list to the right displays the different timezones for the active
     day setting:

     This is an example:

         00:00
           |
         10:00   <-- timezone boundary
           | <-- timezone (contains Secs/unit and connection costs)
         18:00   <-- timezone boundary
           |
         24:00

     To shift a timezone boundary you have to activate it. Now you can
     change hour and minute using the two slidergadgets below. Please
     remember that a timezone boundary always has to stay between its
     two adjacent timezone boundaries. This rule applies:

       lower boundary < active timezone boundary < higher boundary

     To remove a timezone boundary you have to activate it. Now hit "Delete".
     The first and the last boundary (00:00 and 24:00) cannot be deleted.

     To add a new boundary you have to activate the (soon to be splitted)
     timezone. Now hit "New". The new timezone inherits its values from
     the original timezone.

     Using the two cycle gadgets you can set the rates file to:
     a) either calculate the costs using time units ("Sec/unit") or using
        costs per second ("Costs/sec").
     b) use fixed connection costs (that will be added to each call) or
        to use a minimum charge (that will be charged as long as your
        call costs stay below this value).

     You can also specify "additional costs" for each timezone. This provides
     the functionality to e.g. calculate the exact costs of your PPP-account
     where your provider charges you additional (time-dependent) costs. The
     template to enter these costs is "<currency>/s". Both values are float

```
         values.
         If your provider charges you e.g. 0,08 <whatevercurrency> per minute
         you would enter something like: "0,08/60".

         Whenever a boundary has been removed the new timezone inherits its
         values ("Sec/unit", "conn.cost", "Add.costs", etc.) from the timezone that
         was above the boundary prior to its deletion.

    ----------------------------------------------------------------------------

 At the bottom there are four buttons:

 - "Load":
   Opens a filerequester and loads the selected rates file.

 - "Save":
   Saves the rates file, using its old name.

 - "Save as":
   Opens a filerequester and saves the rates file using the supplied (new)
   filename.

 - "Cancel":
   Closes the rates window, cancelling all changes to the current rates file
   and returns to the  main window .
```

1.44   Import window

```
 There are different import modules available:

  ASCII
```

1.45   Import window: ASCII module

```
 Using the ASCII import module you can easily extract data from a simple
 ASCII file. This file only has to meet the following requirements:

 1. Each record field has to ATLEAST occupy ONE line (but
    is allowed to occupy more). More than one field per line separated by a
    fixed character is NOT allowed.
 2. The number of lines for each record mustn't change.


 - stringgadget "Import file":
   Specify the import file. Use the popup gadget to open a file requester.
   As long as there is no file specified importing won't take place.

 - stringgadget "numbers of lines per record":
   The number of lines for each record. This value will apply to ALL
   records in the file. ASCII files with different numbers of lines per record
   CAN'T be imported!
   As long as there is no value supplied importing won't take place.
```

– import fields:
  Each field has its own information on where the data starts (number of line,
  "Offset") and how many lines it occupies ("Length").

  Note: Numbering within each record starts with "1" (s.below).

  Empty fields (i.e. field without offset or length specified) will be
  ignored.

– button "Ok":
  Start importing and return to the main window .

– button "Cancel":
  Abort and return to the main window .

Fields covering more than one line will be merged together. Only exception:
the fields "number" and "email" will import each linke into a single entry.

Example:

Importfile containing 2 records:

--- >8 cut here ---
Testname
Testsurname
Teststreet
+49/89/4711
89/1508
123/456789
Testnote

Smithee
Alan
Hollywood Blvd. 1
666/187187

Just a nonexistant person,
used for demonstration purposes only...
--- >8 cut here ---

To import this file you would need the following settings:

Number of lines per record: 8
name: 1/1
surname(s):   2/1
street: 3/1
number: 4/3
notes: 7/2

These data will end up in CallMan's database this way:

Record 1:
   "Testname", "Testsurname", "Teststreet", "Testnote ", and the

```
   phonenumbers "+49/89/4711", "89/1508", "123/456789"

Record 2:
   "Smithee", "Alan", "Hollywood Blvd. 1", " Just a nonexistant person,
   used for demonstration purposes only...", and the phonenumber
   "666/187187"
```

1.46   Modem statistics

This window will list all known numbers (i.e. numbers found in the database),
sorted by total costs on the "Partner" page. The number of connections will
also be displayed.

NOTE: Only modem calls (i.e. calls found in one of modem logfiles defined
      in the preferences) will show up.
      CallMan calls will not be displayed!
      Furthermore only modem calls will show up whose number could be
      found in the database!

The page "Weekday & Daytime" displays a more detailed distribution of
the calls.

On the subpage "Daytime" use the cycle gadget to change between the
different weekdays and the total sum of all days.

Use the button "Ok" to get back to the TelephoneBill window .

1.47   Numbers window

This window shows up only when there are more than one phonenumbers
assigned to a database entry and only if the corresponding option
has been set in the preferences .

Double-click a number or single-click and choose "Dial" to dial up
the number and open the call window .

Use the close gadget to abort.

1.48   Database category window

Here you can define as many categories as you like. You can then assign
any of the database entries to either none, one, or more of these
categories.

Below the list there are two buttons "New" and "Delete". No comment on
their purpose. :)
You can enter the categories name using the textgadget.

1.49   Update 1.2 -> 1.3

```
Preferences:
   Still useable.

Ratesfiles:
   Still useable.

Database:
   Please use the enclosed converter program 'CM_Converter' to update your
   database file.
```

1.50   Modempriority

Here's a way to find out the priorities of your phone and modem.

1. Start a terminal program (e.g. TERM) and get the phone receiver off the
   hook. If, after typing "ATDT" (incl. RETURN), the modem takes over the
   phone line (the sound on the phone is gone or very very faint), then your
   modem has a higher priority than your phone.

   In this case try the following settings:

   ```
   Modem init string:          empty
   Dial prefix:                ATDP
   Dial suffix:                ;H
   Suffix 2 delay:             0
   Dial suffix 2:              leer
   Modem timeout:              20
   ```

   When dialling do the following:
   Take the receiver off the hook and start dialling a phonenumber via
   CallMan. The modem now takes control of the phone line. After dialling
   has been completed the modem will return the phone line to the phone
   and you should be able to hear the ringing in your receiver. And if
   now someone picks up the phone at the other end of the line, you're
   connected!

2. In case your modem will only return an error then your phone has a higher
   priority than your modem.

   In this case try the following settings:

   ```
   Modem init string:          empty
   Dial prefix:                ATDP
   Dial suffix:                ;
   Suffix 2 delay:             4
   Dial suffix 2:              H
   Modem timeout:              20
   ```

   To dial follow these instructions:
   Leave the receiver on the hook and dial a number via CallMan. As soon as your
   modem has started dialling pick up the receiver. After dialling has been

completed and the phone is ringing on the other end of the line (i.e. at the
person you just have dialled up), CallMan will count down the number of
seconds specified under "Suffix 2 delay". Only then the modem will return the
line to your phone. Now you should be able to hear the ringing in your
receiver.

1.51 FAQ

Frequently asked questions:
===========================

 Q: Sometimes I get the error requester "Modem problem" altough dialling itself
    has been successful. Why?

 A: In this case the modem timeout is often not high enough. Using a timeout
    value of about 15 seconds should do the trick. If not, try a higher value.

 F: The modem won't respond although the preferences settings are correct.
    Instead I always get the error message "Modem problem". Using other programs
    like e.g. "Term" or "Miami" won't cause any problems.

 A: You can't set all of the "serial.device" settings in CallMan. Check
    whether the global device settings (using the workbench's own serialprefs
    "SYS:Prefs/Serial") are correct (e.g. protocoll, parity, stop bits, etc.).

1.52 Bugs

CallMan has been tested on a daily basis for quite some time now. There
are no more heavy bugs known to me, but you can't be sure whether there
are still some hidden deep in the program.

Therefore bugreports are hearty welcome!

The best way to send bugreports is via eMail:

fichtner@informatik.tu-muenchen.de

CallMan has been compiled using 'Fortify' (a very useful C memory
allocation shell - you can find it on Aminet) and will output an error
message to the CLI in case of any memory de-/allocation error. If possible,
please include this output in your bugreport.

Enforcer reports are also welcome... :-)

I also welcome any eMail stating whether you like my program or not!

1.53 Who's done it?

The one responsible for this pile of useless code:

Alexander 'Sascha' Fichtner
Vulpiusstraße 99
D-81739 München
Germany

eMail: fichtner@informatik.tu-muenchen.de
WWW: http://www.informatik.tu-muenchen.de/~fichtner/

Bank account for money transfer (within Germany):

Alexander Fichtner
Konto-Nr. 150 516 284
BLZ 702 501 50
Kreissparkasse München

Please add $5 when you send me a cheque to cover clearing charges.

If you don't want to transfer/send money you can also pay the
shareware fee by sending me "Star Wars: CCG" R/R1/R2 cards (english
version). The cards have to be in mint condition, of course :-).
In this case please eMail me first... ;-)

CallMan has been developed on an Amiga 2000 using OS3.1 and a
Blizzard2060. The program is written in C and has been compiled
using the 'vbcc' compiler by Volker Barthelmann at first, later
using GNU's 'gcc'.

1.54 History

CallMan 1.0 (01.06.1997):
 - first public release

CallMan 1.1 (12.07.1997):
 - device name & unit now configurable
 - completely reworked serial code (should work now with a
   lot more modem; if not, please let me know!)
 - added region to info field in call window
 - whenever a phone number's region (i.e. the region's
   position in the list) was higher than the total
   number of regions specified on the active rates file,
   garbage was calculated when dialling and calculation
   in TelephoneBill mode could endless-loop; fixed
 - serial speed configuration now configurable
 - added "number of used units" and "region" to conversation
   list (analyze window)
 - added support for "OwnDevUnit.library"
 - switching the cycle gadget on "Total time" page (analyze
   window) now automatically starts analyzing
 - reworked "logfile analyzing" code (should be faster now)
 - added individual phone call costs to conversation list

- analyzing immediately started on opening the analyze
  window
- added TERM/NCOMM logfile scanner/analyzer
- converted code to gcc
- database now sorted alphabetically
- when analyze was limited to one person, sometimes the person's
  name would disappear from the conversation list when switching
  register pages; fixed
- added one more security check to "analyze" (this should keep
  CallMan from busy-looping in certain situations)
- added work-around to a bug in one of gcc's link-libraries
- added dial help requester: when dialling with "suffix 2 delay",
  delay can now be replaced by an requester, waiting for user
  confirmation to return the call from the modem to the phone
- person limitation now performed as a substring search
- improved version handling of prefs and database file (prefs
  have to be reentered, though)
- added configurable list of different modem logfiles: when in
  TelephoneBill mode they will be scanned and their costs added
  to the total modem costs.
- added NCOMM/TERM scanner/analyzer
- immediately after opening the analyze window the unknown
  phonenumbers and numbers without a region weren't displayed;
  fixed
- some conversation lengths were miscalculated due to a bug in
  one of gcc's link libraries (same as above); provided work-
  around
- immediately after setting a new rates file the new regions
  wouldn't be displayed in the "alternative region" list; fixed
- enforcer hits when loading/saving rates files; fixed
- "costs/unit" always were saved as 0; fixed
- after changing "default region" (prefs window) the
  quickdial region was always set to "unknown"; fixed
- all rates file requester now default to the "Rates"
  directory
- phonenumber now supports "-" and SPACE
- calculating costs for one single day (i.e. both date
  boundaries set to the same day) didn't work; fixed
- added 'additional costs' field to timezones
- Added MULTIFAX scanner/analyzer
- phonenumber now supports "+"
- when loading a new ratesfile in the prefs, the
  alternative region was trashed; fixed
- extended phonenumber to 60 digits
- phonenumber field now accepts more than one number,
  separated by a '|'; although you can now specify
  multiple numbers note that only the first one will
  be dialled; all other numbers are just used by the
  logfile analyze routines (useful if e.g. a friend's
  number has recently changed and there's still the
  old one in your logfile or if you want to analyze
  MULTIFAX's logfile which seems to contain different
  numbers dependent on whether the sending of the fax
  has been successful or not :-P)
- fixed bug that under certain circumstances invoking
  the prefs window would cause a MUI fallback to a
  thinner font as specified

- added dupe check to MULTIFAX scanner
- added MULTITERM/KIT scanner/analyzer
- analyzer now checks for identical phonenumber length
- scanner modules now ignore spaces around logfile
  phonenumbers
- extended quickdial phonenumber to 60 digits, too
- cancelling pref window's "load rates" requester
  trashed the "alternative region" list; fixed
- fixed just another possible MUI font fallback when
  opening the rates window

CallMan 1.2 (17.09.1997):
- some bugfixes in the rates window
- old entries in rates window now can be renamed
- added auto sorting to dates in rates window
- fixed some bugs in "analyze"
- display of modemlogfiles list sometimes messed
  up the filenames; fixed
- added TRAPDOOR scanner/analyzer
- changed format of database (please use CM_Converter
  to update)
- entries whose numbers couldn't be found in the
  database are now displayed in an italic style
  in the conversation list
- whenever a modemlogfile couldn't be analyzed,
  CallMan will append a "!" to the modem costs
- in analyze window, "days" value was miscalculated;
  fixed
- added menu item "Log call without dialling"
  (just in case you "forgot" to let CallMan dial
  the number and still want to log the call ;)
- redesigned database entry window
- added partial support for multiple phone numbers
- added "email address" entry to database
- added "bank account" entry to database
- added "profession", "category", "birthday" to database
- reworked database memory managment; should be faster
  now
- behaviour of double-click on database list is now user
  configurable:
  start dialling, edit entry, or just do nothing
- 'Edit' window now displays person's name in title bar
- Main window & TelephoneBill window:
  behaviour of close gadgets now configurable (quit or
  switch mode)
- now pops up warn requester on quit whenever database
  has been changed and not been saved
- added "consultant" and "customer account" to database
- renamed "short comment" to "notes"
- added support for individual phonenumber comments
- "cleanup logfile" displayed wrong number of deleted
  entries; fixed
- added ASCII import module
- enforcer orgy when sorting empty database; fixed
- added option "dial mode" for mutiple phonenumbers:
  either use the first number in the list or ask user

     which number to dial
 - added option to hide entries of the database
 - added context-sensitive popup menu to the database list
 - added support for external logfiles in "Analyze" window
 - extended "Analyze" window: limitations now include
   minimum and maximum length, minimum and maximum
   costs (disabled), and region
 - Analyze window/conversation list:
   double-click on a column to sort the list (according
   the the clicked column)
 - adding a new entry to the database and then adding
   phone numbers or email addresses caused some
   enforcerhits; fixed
 - memory leak in TelephoneBill mode; fixed
 - added 'modem statistics' option to TelephoneBill
   window
 - analyze module now completely ignores calls with a
   duration of 0 sec
 - memory leak when deleting modem logfiles from
   preferences list; fixed
 - a hideous little bug in the NCOMM/TERM logfile
   scanner could cause severe memory trashing under
   certain circumstances; fixed
 - added option to automatically add unknown numbers to
   the database (option is valid for both analyze window
   AND Telephonebill window)
 - whenever a logfile started with a number (already in
   the database) without a region assigned (i.e. unknown)
   analyze module would crash; fixed
 - added option to add single numbers from the Telephonebill
   error window to the database
 - loading preferences could sometimes lose some memory; fixed
 - adding "new" entries to the database would trash memory;
   fixed
 - cleaned up code
 - memory leak in Telephonebill errorwindow; fixed
 - removed default loading and analyzing of CallMan's own logfile
   when opening the analyze window
 - CallMan now refuses to start when there is a database with
   illegal version number and instead loads the converter
 - ASCII import module now skips empty phonenumber and email
   address entries

CallMan 1.3 (23.02.1998):
 - under certain circumstances TelephoneBill mode could refuse
   to calculate the phone costs; fixed
 - "save database" button was always selectable; fixed
 - "log call without dialling" without an entry selected would
   open an empty numbers window; fixed
 - analyzer would mess up names of unknown numbers; fixed
 - sometimes analyzer would mess up the display of numbers whose
   names are not present in the logfile but were found in the
   database; fixed
 - added "multimedia" section to database: user can now add any
   number of "multimedia" files to each database entry; using
   the viewer of his choice (defaults to "MultiView"), the user

    can display these files by double-clicking on them or using
    the "show" button
- time span in "Analyze" window now defaults to the time span
  set in the preferences
- "TelephoneBill" window now also displays time span
- modem statistics messed up conversation partners; fixed
- database entries with at least one number without region
  can now optionally be displayed in italics
- added MICRODOT-1 scanner/analyzer
- error window: adding a single unknown number to the database
  without actually selecting a number from the list would
  create a nonsense database entry; fixed
- removed textfield 'category' from database
- added global category list to the database
- added individual category settings for each database entry
- added option to select displayed database entries by
  category
- reworked dial code
- added explicit 'modem priority' switch to preferences
- dialling can now be aborted by pressing ESC or clicking
  on the dial window's close gadget; note: this only works
  before the actual modem dialling has begun!
- fixed bug while initializing database category window
- fixed stupid bug in dial code that would return an error whenever
  there was no modem-init string specified
- added (experimental) GPFax scanner
- extended modem statistics:
  you can now list the number of calls for each weekday
  and for all hours of the day separately
- added preferences switch to enable/disable modem statistics
- added simple security checks to all scanner modules; should
  prevent scanning logfiles with the wrong scanner
- TRAPDOOR scanner would crash on logfiles containing
  'PhoneBill' entries; fixed
- TRAPDOOR scanner ignored all 'Calling' entries; fixed
- hopefully fixed the "switching to TB mode" bug
- added AREXX commands:
  NUMBEROFENTRIES (number of total database entries)
  GETENTRY entrynumber destvar (fill destvar with entry 'entrynumber')
- added "CallMan-Export.rexx" export script
- analyze window: adding a single unknown number to the database
  without actually selecting a number from the list would
  create a nonsense database entry; fixed
- moved conversation partner's comment to separate column in modem
  statistic window
- arexx command GETENTRY did some memory trashing when dealing
  with database entries without phonenumbers & email addresses; fixed
- reworking of dial code screwed up "log without dialling" and
  "quickdial"; fixed
- MIAMI scanner choked on PhoneBill entries; fixed
- GPFax scanner sometimes screwed up the call's date; fixed
- added AREXX command:
  DIAL entrynumber (dialup 'entrynumber')
- added two new switches to rates files:
  switch 1: calculate costs using "seconds/unit" or "costs/second"
  switch 2: add "connection cost" or apply "minimum charge"
- rewrote major parts of the code in a more object orientated way

- "Call in progress" window screwed up when calculating costs on
  a "costs/second" basis; fixed
- "sec/unit" and "conn.costs" again only display 2 decimal digits
- MultiTERM scanner choked on calls without 'OFFLINE' entry; fixed
- main window won't be sent to sleep anymore while logging a call
- added option to display aborted calls in analyze window's call
  list
- GPFax scanner sometimes refused to load logfile; fixed
- GPFax scanner messed up calls longer than 255 seconds; fixed
- errors during dialling could cause "software failures"; fixed
- added "hotnumbers" popupmenu to main window's "dial" button
- added item "add to hotnumberslist" to main window's databaselist
  contextmenu
- added online help using the HELP key;
  note: for the online help to work you have to rename your
        favourite doc guide (residing in "PROGDIR:Docs") to
        "CallMan.guide"!
- memory leak when attempting to open preferences window although
  preferences window is already open; fixed
- title of "numbers window" displayed wrong name; fixed
- after closing the edit window database list would lose focus on
  active entry; fixed
- improved handling of defective CallMan logfiles (just in case ;)
- whenever an entry was selected in the main window's database list,
  adding numbers to the database in the logfile window would cause
  enforcer hits; fixed
- some internal messup when starting CallMan in Telephonebill mode;
  fixed
- memory leak whenever all numbers could be found in the database;
  fixed
- after dialling up a number WITHOUT using the "numbers window"
  all further attempts to dial a number would fail; fixed
- small bug in "OwnDevUnit.library" handling; fixed
- rewrote TRAPDOOR scanner:
  -> now only calculates outgoing calls :)
  -> now searches for the correct phonenumber entry
  -> now assigns dummy number "123456789" to entries without
     phonenumber
  -> improved handling of corrupt TrapDoor logfiles
- analyze window: sometimes analyze process was triggered
  twice; fixed
- when adding new entries to the database CallMan now verifies
  its contents; this should prevent illegal characters from
  showing up in e.g. the phonenumber or the name/surname field
- after an aborted outgoing call TrapDoor scanner would add the
  next call to the costs, even if this call was an incoming
  call; fixed
- "saving" or "using" the prefs without supplying a rates file
  would crash CallMan; fixed
- CallMan prefs would also complain about invalid values in the
  "from" and "to" fields of "perform calculation" although it
  was set to "for this month"; fixed
- whenever rates file couldn't be found on startup, CallMan
  would also complain about "import file not found"; fixed
- sometimes (right after dialling up a number) the "call in progress"
  window would account "2 units due" (instead of only 1 unit); fixed
  - "cancelling" the rates window could sometimes crash CallMan: fixed

- fixed a serious "enter dates in CallMan" bug
- "log call without dialling" without an active database entry would
  confuse CallMan; fixed
- fixed a few bugs in the "call in progress" cost calculation code
- re-coded rates window code
- enforcer hit in rates window on opening the file requester; fixed
- fixed some more lame "date" bugs in rates and logfile window
- added "CallMan" scanner module to list of "external" scanners
- new AREXX commands:
  LOGWITHOUTDIALLING entrynumber hidden
                     (if application is iconified and hidden is set
                      to 1, application will not be uniconified)
  CONVERSATIONSTART
  CONVERSATIONEND
  CONVERSATIONABORT
- added "w" to valid phone number characters; this should fix the
  problem with numbers not being recognized although they have
  successfully been added to the database
- hitting "cancel" in "call in progress" window during suffix 2
  delay wouldn't properly close serial device; fixed
- sometimes during dialling CallMan would pop up an infinite number
  of (error) requesters and then crash; fixed
- crash in case of an error during dialling; fixed
- "Perform calculation for this month" would always calculate
  the costs ranging from the first day of the current month
  to the last day of the year; fixed
- logfile window never used current month as default with
  "Perform calculation for this month" set in preferences; fixed
- extended MultiTerm scanner to properly deal with MT 5.0
  logfiles
- fixed a bug in the dialling code that could cause some unmotivated
  "init" or "modem" errors

1.55 Future

Every program can still be improved. The future of CallMan is up to
you! What would you like to see implemented? What bugs should be
removed? Tell me!

These features are already on my ToDo list:

- support for USR Sportster's VOICE mode
- further expand the analyze window
- full support for multiple phonenumbers
- CSV import and export module
- extended AREXX port
  (incl. remote control of fax- and email software)
- option to printf and export analyze results
- expand the database

1.56 Support

The latest version of CallMan can always be found on my homepage:

    http://www.informatik.tu-muenchen.de/~fichtner/
    [frames version]

    http://www.informatik.tu-muenchen.de/~fichtner/CallMan.html
    [for browsers without frames]

1.57   Rates files

The number of supplied rates files is quite low at the moment. :-)
Therefore I'm happy about each new rates file. I will include
each one (although without checking for accuracy) in the CallMan
archive as long as there isn't already a corresponding version
present.

Feel free to send me any corrections on already included files!

Please choose an appropriate filename and fill out the internal
description field.

1.58   MUI

                        This application uses

                     MUI - MagicUserInterface

                  (c) Copyright 1992-98 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

                         Stefan Stuntz
                     Eduard-Spranger-Straße 7
                        80935 München
                          GERMANY

Support and online registration is available at

http://www.sasg.com/

1.59 Danksagungen

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- Michael Raabe
- Peter Hull
- Werner Kurras

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- Stefan Stuntz: for MUI
- Holger Kruse: for MIAMI, the comfortable TCP/IP stack
- Oliver Wagner: for Voyager-NG
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