

# **Dialup**

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# Chapter 1

## Dialup

### 1.1 Dialup - English documentation

DIALUP V1.4  
For Amiga Computers with OS 2.0 or better  
Copyright © 1995 by Michael 'Ghandi' Herold  
All rights reserved

- English documentation written by Nicole Sauvage -

- Shareware -

#### General

Introduction	What is Dialup?
Copyright	Rights
Registration	Registration & contact address
Installation	A few words concerning the installation

#### Settings and windows

Windows	The different windows
Arguments	Program arguments & Tooltypes

### 1.2 Dialup - Introduction

What is Dialup?

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Dialup is nothing else but a dial program, which can be used to dial and log in different systems (mailboxes, server, etc.).

This program was created basing on the idea of Stefan 'Jesus' Seitz, whom I like to thank for his suggestions and tips at this point. Its aim is to ease the log in with AmiTCP over SLIP but it can be used for other purposes

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as well.

Dialup utilizes the excellent attributes of the Gadget Layout Engine programmed by Olaf 'Olsen' Barthel. This Library supports functions for a fontsensitive GUI, which can be utilized completely by keyboard.

The demoverision of Dialup (without valid keyfile) is with exeption of the function to save the configuration total functioning.

Dialup needs Kickstart v37.175 (OS 2.0) or higher to run and supports the german and english language if you run Workbench 2.1 or higher.

### 1.3 Dialup - Copyright

Rights

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Dialup and its documentation is Copyright © 1995 Michael Herold, all rights reserved. English documentation was written by Nicole Sauvage.

This software is at your disposal, like it is, without guarantees of any kind.

Conditions of use

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The words archiv and package refer to Dialup and its programs and documentations.

1. You are only allowed to give the archiv to others without the keyfile, which you get as a registered user.
2. You are not allowed to gain money with the spreading of the package. A charge for your costs (for discs, etc.) is allowed as long as the amount of 5,00 DM is not passed.
3. If you change programs of the package, you are not allowed to give those to others. You are only allowed to give the package to others without any changes and without the keyfile.
4. Fred Fish is explicit allowed to put this package in his "Fish-Disk"-collection, on disc as well as on compact-disc.

### 1.4 Dialup - Registration

Registration & contact address

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Dialup is Shareware - If you like it and use it, let your version be registered.

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The price for Dialup is 5,00 DM and includes the mainprogram, the keyfile and the german and english documentations in Amigaguide-format.

For the mailing (Deutsche Bundespost) another 5,00 DM will be calculated for porto, parcel and one disc. The whole price with mailing will be 10,00 DM.

The mailing is only possible in the Federal Republic of Germany.

If you are get-at-able via eMail and have installed PGP, you can get Dialup via eMail as well. For this, please mail me your public key. In this case no further costs for porto etc. must be paid.

Without PGP-key your ask for registration will not be answered via eMail.

Please pay attention to the fact that I only have an access to the usenet. It is not always possible to send eMail's in other Nets.

A registration out of the borders of the Federal Republic of Germany is only possible via eMail.

Please do not forget to tell me your complete name and address, no matter which kind of communication you chose.

You can recieve updates only via:

- Aminet FTP Servern
- FrasNET
- Diverse mailboxes

or at my favourite mailbox "Incubus" (telephon numbers: 781467, 781468, 781003, 781059, 72695, 884703, 884726, 781464 and 781465 with the area code 0931 for Würzburg. My handle in this box is 'Ghandi'.

If you have questions, suggestions, bugreports or something like this or if you want to registrate your version, you can reach me at following address.

Normal Mail:

Michael Herold  
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97074 Würzburg  
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Tel.: +49-(0)931-884594

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My bank account:

Nicole Sauvage  
Städtische Sparkasse Würzburg  
Account number : 2584738

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Bank code number: 79050000

Purpose/Hint: REGISTRATION DIALUP

## 1.5 Dialup - Installation

A few words concerning the installation  
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Copy the files Dialup and Dialup.key (if you own it) to any directory. If you do not have installed the gtlayout.library by Olaf 'Olsen' Barthel yet, copy it to your Libs:-directory.

But the most easy way is to use the Commodore Installer in the package.

## 1.6 Dialup - Windows

Windows  
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All windows and buttons are taxable by keyboard. Buttons, which are highlighted with an additional border can be activated with Return.

All explanations and configurations refer to the english texts and keys.

Main		The main window
Settings	The settings window for the	different hosts
Dial		The dial window

## 1.7 Dialup - Windows/Main

The main window  
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Add

Adds a new entry with the name "--Unknown--" at the end of the list. It will get the default settings.

Copy

Copys the current entry to the end of the list.

Delete

Opens a requester, in which you can choose, if you want to delete the current or all selected entries, or if you want to cancel.

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### Default

Opens a requester, in which you can choose, if you want to set the current or all selected entries back to the default entries, or if you want to cancel.

### Tag/Untag

Selects or deselects the current entry. Press the key SHIFT in additional and all antries will be selected or deselected.

### Settings

Opens a window, in which you can change the settings of the current entry (Look at Settings ).

|<

Sets the current entry at first place.

>|

Sets the current entry at the last place.

<

Moves the current entry up.

>

Moves the current entry down.

### Dial

Opens the dial window and tries to connect with a selected entry. If there is no entry selected, the current entry will be selected and dialed (Look at Dial ).

### Load...

Opens a settings box. With this, you can load an other configuration. If the current configuration were changed, but not saved, you will be reminded to save.

### Save...

Opens a settings box. With this, you can choose the name under which your

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configuration shall be saved.

After you have chosen the name, you can enter, if you want the status of selection of the different entries saved with.

#### About

Opens the information window. If you are an registered user, you can see your registration data in this window.

#### Quit (or the close symbol of the window)

Quits the program. If the current configurations were changed, but not saved you will be reminded and enabled to cancel the action.

## 1.8 Dialup - Windows/Settings

The settings window for the different hosts  
\*\*\*\*\*

This window contains the individual configuration for one host and its hardware device.

Protocol settings  
Serial settings  
Miscellaneous settings

## 1.9 Dialup - Windows/Settings/Protocol settings

Protocol Settings  
\*\*\*\*\*

#### Host

Name of the host for which this settings shall be valid. This name has no further meaning, it only serves for clearness.

#### IP Address

This parameter has only a function if the option Create is switched on.

The IP-Address of the own host, which is to be saved in the configuration of Env:Sana2/<driver>.config if the option Create is switched on.

#### Netmask

The netmask of the host.

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## Driver

Name of the protocol driver, which shall be used for this host. The name consists of the name of the protocol and of its unit (for example: cslip0 for the cslip.device unit 0). If the option Create is switched on, the configuration with this name and an attached .config will be saved in the directory Env:Sana2/.

## MTU

This parameter has only a function if the option Create is switched on.

If the entered amount is higher than 0, it will be saved in the configuration of Env:Sana2/<driver>.config. The text appears there as MTU=<amount>.

## CD

This parameter has only a function if the option Create is switched on.

If this option is switched on, the text CD will be saved in the configuration of Env:Sana2/<driver>.config.

## 7WIRE

This parameter has only a function if the option Create is switched on.

If this option is switched on, the text 7WIRE will be saved in the configuration of Env:Sana2/<driver>.config.

## EOF

This parameter has only a function if the option Create is switched on.

If this option is switched on, the text EOFMODE will be saved in the configuration of Env:Sana2/<driver>.config.

## Create

If this option is switched on, a configuration file in Env:Sana2/ will be created for the protocol after a successful dial and log in. The name of the file is the name of the Driver with an additional .config.

In this file the name, the unit and the baudrate of the serial device as well as the IP-Address always will be saved. The switches CD, 7WIRE and EOFMODE as well as the MTU only will be saved, if the belonging options are switched on.

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## 1.10 Dialup - Windows/Settings/Serial settings

### Serial Settings

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#### Hint:

If you are not going to let the configuration of the protocol be created (look at Protocol settings), please get sure that the settings for Device, Unit and Baud are in correspondence with your protocol.

#### Device

The name of the serial device, that shall be used for the call. The access is exklusiv with the settings 8N1.

#### Unit

The Unit-number of the serial device.

#### Baud

The baudrate, with which the serial device shall run.

#### Init command

The command, with which the Modem/Device shall be initialised. If no Init-command is entered, no initialisation will be done.

At the Init-command a RETURN is automatical attached, but not in the cases, in which the option \c was entered as well. For further information about the additional options look at Miscellaneous settings /Parse String.

At this point the command AT&D0 for example, can be entered to avoid, that the connection after the closing of the device does not break down. If your modem does not support this command, take a look at your manual.

#### Ignore CD

If this option is switched on, the condition of the connection will be ignored. In the other case, the condition of the connection will be checked every 3 second to see if the connection is still there and - if not - to interrupt the dial process.

#### Ignore DTR

If this option is switched on, an +++ATH0 will be send to the modem after hanging up.

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## 7WIRE

If this option is switched on, the device will be opened in the 7WIRE (Handshake) mode. Please note the fact, that not every device does support this option.

## Check modem init

If this option is switched on, it will be checked, if the modem initialisation was answered with an OK. If not a new initialisation will be started.

If you use the nullmodem.device, this option shall be switched off, because the connection does take place direct.

## Redial delay

Time in seconds, that shall be waited between dial attempts.

## Timeout

Time in seconds, that shall be waited after the dialing of a number to get a successful CONNECT.

## 1.11 Dialup - Windows/Settings/Miscellaneous settings

### Miscellaneous settings

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#### Phone number

At this place you can enter the telephon number that shall be dialed. It is not possible to enter several numbers.

The dial starts with an ATD, the Phone number and a RETURN.

#### Parse string

The parsestring will be used after a successful connection to log in the respective system. It must be entered as follows:

<Wait for> <Send> <Wait for> <Send> ...

First the text for which shall be waited (Capital/Small letters will be regarded), second the text which shall be send, if it can be found.

Example: ogin: ghandi word: secret "" \d\r

In this example, the program waits for the text "ogin:" and - if this was found - sends the text "ghandi". "" means, that it shall not wait for

text.

If not switched off by the control sequence `\c`, after every text sent a RETURN will be sent as well.

Following control sequences are possible in the send text:

`\r` sends a <CR> (Carriage return).

`\n` sends a <LF> (Linefeed).

`\\` sends a `\`.

`\t` sends a <TAB> (Tabulator).

`\b` sends a breaksignal.

`\d` for a little pause.

`\s` sends a space

`\c` switches the sending of a <CR> at the end of a text off.

#### Command

At this point, you can enter a command, that shall be executed after the successful connection and the closing of the device.

Please note, that Dialup will not give the allocated memory free, until the executed program or script is returned.

You can add several %-variables to the command, which have following meanings:

`%%` will be replaced by `%`.

`%i` will be replaced by the IP Address.

`%m` will be replaced by the Netmask.

`%v` will be replaced by the Driver.

`%M` will be replaced by the MTU.

`%C` will be replaced by CD, if CD is switched on.

`%W` will be replaced by 7WIRE, if 7WIRE is switched on.

`%E` will be replaced by EOFMODE, if EOF is switched on.

`%d` will be replaced by the Device name.

`%u` will be replaced by device Unit.

`%b` will be replaced by the Baudrate.

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%I will be replaced by the Init command.

%g will be replaced by IGNORECD, if Ignore CD is switched on.

%G will be replaced by IGNOREDTR, if Ignore DTR is switched on.

%w will be replaced by RTSCTS, if 7WIRE is switched on.

%y will be replaced by the amount of Redial delay.

%Y will be replaced by the amount of Timeout.

%p will be replaced by Phone number.

%P will be replaced by the Parse string.

## 1.12 Dialup - Windows/Dial

The dial window

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All selected hosts will be dialed in a row. If a number is busy, the next entry will be dialed. If all entries were dialed without success, the dialing starts again from the beginning.

If the connection is lost during the process of dialing or if a NO CARRIER is found, Dialup will quit.

Connection

The data of the connection will be shown here, if it was realized.

Host

Name of the host, which is dialed to.

Number

Number of the host, used for dialing.

Bytes received

Amount of the received bytes.

Bytes sent

Amount of the bytes sent.

Expect

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Shows the text necessary for further action of the program. Important for example at the parsing of the texts to log in.

#### Found

Shows the text found or the belonging error message.

#### Status

Shows the current action.

#### Cancel

Stops the process of dialing. This function probably reacts with some seconds delay.

#### Skip

Skips the current host. This function may probably react with some seconds delay.

## 1.13 Dialup - Arguments

### Program Arguments & Tooltypes

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The following keywords can be given to the program as ARGUMENTS or they can be entered as TOOLTYPES in the program's icon.

#### HOST (Tooltype: HOST)

Name of the hosts, that shall be selected. You can use the search patterns of AmigaDOS. Capital and small letters will be regarded. All found entries will be marked as selected. All in the configuration yet selected entries will be deselected.

This option only serves to select the entries, that shall be dialed. If the entry shall be dialed immediately, the option DIAL must be given.

#### NOGUI/S (Tooltype: NOGUI)

This switch only has an effect to the dial window and to the load and save information. Is it given, their windows are disabled.

#### DIAL/S (Tooltype: DIAL)

Starts the dialing process immediately after the loading of the

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configuration. Are no entries selected, the programs quits.

CFG=CONFIG/K (Tooltype: CONFIG)

Name of the configuration that shall be loaded.

LOG=LOGFILE/K (Tooltype: LOGFILE)

Name of the logfile that shall be used for the next dial.

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