

## **VCON-guide**

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## Chapter 1

# VCON-guide

### 1.1 VCON

VCON a Telnet Daemon for the Amiga  
By Marcus Käll  
version 0.2 [1998/04/12]

VCON is a telnet daemon which makes it possible for other users to login to your Amiga using a telnet application. VCON supports both usergroup and multiuser login system, you can also turn off the login. It emulates the con: quiet well, read more about the exceptions under limitations

Installation	How you install it.
Usage	How to use it.
History	How it was before.
Future	Do you believe.
Bugs/Limits	Things that don't work YET.
Copyright	Shareware and stuff.
Author	About me.
Thanks	People I wanna thank.

### 1.2 Thanks

I would like to thank the following people.

Björn            He tested VCON.  
All friends    What makes life worth living?  
All people who wrote all other stuff like AmiTCP, multiuser.library,  
AmigaOS!. And so on.....  
Thanks to all amiga users.

Jepp. thats all.

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## 1.3 About me

This little text is about me.

My name is Marcus Käll and I live in Sweden. I have very few interests. But one of them is to make programs, or lets say code. Many people think it's a very boring thing to do. I think coding is fun. You have an idea, and just by typing some strange combinations, or commands into a computer you can make it real.

Actually, I have some other interests to. Making and playing music is one of them, but so far no one has never said one kind word about my music.

Meeting friends, watching films, having fun is also what life is for, so I do that too.

And now, if you want to send me a beautiful love letter or something.

EMail:

markus.kall@swipnet.se

HomePage:

<http://home4.swipnet.se/~w-48522>  
(don't visit)

SMail:

I'm to afraid to say that.

Telephone:

Hoho. It's number between zero and some millions.

IRC:

hEksa (on Efnet servers)

ICQ:

Please port this to Amiga someone  
or I will have to do it by myslef.

And don't blame me for my bad language.

## 1.4 Installation of VCON

Installation

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The installation of VCON works like any other inetd program, just copy the VCON executable somewhere into your harddrive.

Amitcp:serv/ is recomended, or Miami:serv/. If you are using Amitcp add the line:

```
telnet stream tcp nowait nobody Amitcp:serv/VCON VCON
```

to the file Amitcp:db/inetd.conf. If you are using Miami, go to the Database - InetD section, press the Add button and add the following information: Service: telnet, Socket: stream, Protocol: tcp, Wait: nowait  
User: nobody, Server: Miami:serv/VCON, Name: VCON

You can also specify the name of the prefsfile. If nothing is entered under args, VCON will open S:VCON.prefs as default.

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### VCONPrefs

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Now it's time to modify the prefs. It can be done using the prefsprogram or just editing the S:VCON.prefs file by hand. It's recommended to use the prefsprogram, because VCON will quit if it finds some strange lines in the prefsfile. After starting VCONPrefs you will find one mainwindow and one little error requester. This is fully normal :). The errorrequester will only appear the first time. In the textfield Prefsfile you can enter which prefs you will use to save and load settings from. If you enter something else than S:VCON.prefs you also have to say that to VCON by typing the samefile name into the args, described above. The Filelog textfield and button is for direct logging. It's recommended to type a consolename here, like raw: or something. The Logdir Textfield is used to save logfiles into. Every time VCON starts and LogDir is activated it will create a file called VCON-?????.log, where ???? is a number. It has exactly the same output as the filelog. LoginSystem is used to specify if you want to use multiuser.library login system or usergroup.library, or no login at all. If you chose to have nologin, you also have to enter somethinh in the command dir. When using multiuser or usergroup VCON will look in the passwd file to get a command. LoginTime and LoginTries is used to specify how many times and have long time the user will have to enter its loginname and password before the connection is closed. Bannerfile is user to send a message to the user before it can login. I don't think I will have to explain the Save, Load and Quit buttons.

### Prefsfile

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If you want to edit the prefsfile by hand the args you can use are these:

DirectLog/K, LogDir/K, LoginType/K, Command/K, BannerFile/K, LoginTries/N/K, LoginTime/N ←  
/K

DirectLog/K is the logfile.

LogDir/K is the logdrawer.

LoginType/K can be one of MULTIUSER, USERGROUP or NOLOGIN.

Command/K is the startup command.

BannerFile/K is the startup message file.

LoginTries/N/K and LoginTime/N/K is tries and times to login.

but it's recommended to use the prefsprogram.

## 1.5 How do I use it?

If you want to use it local, you have to get a telnetapplication like Amtelnet or Amitcp\_telnet. When you open connection to localhost you will see a logwindow opening by the same time (if you have selected one). This window has two functions, one is to see what the user does and you can also kick them out of your computer by pressing Ctrl-C. The connection will shut down and VCON will try to close.

It's not always that VCON can close. When a program is using the file-handle that VCON has created, it has to stay open, else the program would crash. VCON will send one Ctrl-C message to the program and send EOF everytime the program asks for a char. If it doesn't close anyway, try to press Ctrl-C in the log window a few times.

After the windows has opened, go back to the telnet program and type your login and password. If everything works, you shall see the AmigaDOS prompt. If it doesn't, send me an email and explain as much as you can.

## 1.6 The history of VCON

Ver 0.2      12 April 1998.

Now Ctrl-Return (Ascii-10) works.

Telnetprograms that send both ascii 13 and 10 work too.

Removed a bug caused when using ACTION\_DISK\_INFO,  
now it send DOSFALSE instead of trash.

Reads more than one character at a time.

Ver 0.1      11 April 1998.

This was the first version.

## 1.7 What will happend next.

- Add some IAC support.
- Add ACTION\_DISK\_INFO support.
- More login systems (if there is any)
- Let the local user control which ip's are allowed to login.
- Add TAB filename completion.

more to come...

## 1.8 Bugs.

There are a few things that doesn't work 100% yet.

The ACTION\_DISK\_INFO doesn't work because I don't know how it works. If anyone knows how it work, I would be happy if you send me some information about it. My email can be found under Author.

When using usergroup.library login system, VCON will only check if the password is correct. It won't use the login functions. This is for the same reason as above. I don't know how it works. So if you know please...

If you find any other bugs please mail them to me.

## 1.9 Copyrights.

This program is very free. If you can't sleep at night after using this program because you want to send me money, all you have to do is to send me a nice amail.

This software comes with no warranty, either expressed or implied.

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