AmServ

COLLABORATORS

	TITLE : AmServ		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		January 20, 2025	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

AmServ

1.1   AmServ.guide

```
========================================================
$VER: AmServ.amirx 1.31 (06.06'00)
Written by: Hans Petter Dalsklev © 1997-2000
EMail: hanspd@powertech.no
Homepage:  http://home.powertech.no/hanspd/amserv.html
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   WHAT IS THIS        some words about amserv and fileservers.
   CONTENTS            what this archive should contain.
   USAGE               launching and parameters.
   INSTALLING          installing, simple!
   SETTING UP AMIRC    configurating.
   RUNNING IT          launching it for the first time.
   MORE HELP?          the author.
   HISTORY             some words from the past.
```

1.2   What is this program.

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```
What is this
============
AmServ is a FileServer (FServe) to be executed under AmIRC 2.x or
higher by Oliver Wagner. You can let users dir your given filearea.
They can UPLOAD and DOWNLOAD to it. You set how much credits a newuser
should have, what file ratio, directory-description etc..

Purpose:
AmServ was created for trading or serving files with users.

AmServ is based on the ircfileservers on PC (FSERVE like PaNzEr)
(but hey if you dont know  what that is, take a look in mp3 or pics
channels #MP3 or #xxxpics etc ;) i promis you will understand what it
is all about.) I also added a link to my page about FServe's
http://home.powertech.no/hanspd/amserv.html click on "How to use a FServe"
```

1.3   CONTENTS: Files in the archives

```
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All Content of the AmServ archive:
==================================


  Filname        Size     Description
  ===========    ======   =========================
  AmServ.amirx   66141b   - AmServ V1.31, the script to be runned under AmIRC
  AmServ.guide   21273b   - Help and hints.
  AmServ.login    100b    - This textfile is sent to users who log in.
                            Edit amserv.log to your personal taste.
```

1.4   USAGE: AmServ and parameters

```
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```

```
USAGE:
======
```

```
/rx /rexx/amserv.amirx                - Run as normal, with all settings from
                                        the config-file.
/rx /rexx/amserv.amirx [NICK]         - The server will use the operator nick
                                        you type here and override the nick
                                        in config.
/rx /rexx/amserv.amirx [NICK] notice  - Same as above + Notice users on JOIN- ←
   channel
/rx /rexx/amserv.amirx notice         - Notice users on JOIN-channel
/rx /rexx/amserv.amirx halt           - Stop previous running script.
```

```
You can Stop the script by writing QUIT to the server.
```

1.5 Installing AmServ.

```
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```
Installing
==========
Simple, copy the AmServ files to AmIRC:Rexx/
```

1.6 Setting up the server.

```
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Setting up AmIRC
================
1: Load AmIRC...
2: Enter the name/nick of the server in the NICK and NAME bars.
3: Deactivate (under USERMODES)
     - "Auto open Dialog windows?"
     - "Auto accept DCC chat requests?"
     - "Auto accept DCC send requests?"
     - "Do BEEPs?"
     - "Play CTCP SOUND requests?"
4: Deactivate All logging under "SETTINGS/Logging"
   This will prevent slow dir-lists etc.
5: Press: R-AMiGA + SHIFT + R and edit the receive-path. (upload directory!!)
6: Save the config file as "AmServ.AmIRCfg" (or call it something else)
```

1.7 Running it for the first time.

```
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Running it for the first time
```

```
============================
```

executing:
----
type: /rx amserv.amirx inside a AmIRC-client.
If this is the first time you start the script, then AmServ will
open a window with a questionary for you to fill inn

The Questionary:

This is a config-entry window that opens up in Workbench. Here you
must fill inn the lines. I will now explain each line of the
config-entry with examples.

1: FileServer name: MODSHEAVEN
- This is the server name, and has nothing to do with the server-nick.
Call it what you want, be free!

2: Operator nick (different from servernick): Sexyboy
- The Operator nick is important to be different from the servernick
because you cant connect to the amserv from the server it self!!
(im sorry about that, but i had to do it that way cause of the amirc-
rexx disadvantages)

3: Trigger on (ex. !mywavs) : !sexyboy
- To trigger a server meens that you tell the server to connect you.
In other words if someone now write !sexyboy in a channel (or to the
server), it will send a dcc-chat-request for him/her. The user can
either write "!sexyboy" in a channel or directly - to the server.

4: Filedir (ex. DH0:files/) : DH1:FILES/
- The filedir will be the root of the server. Users can only access
the files inside the Filedir you specify here. (ps. you can change
this at all times when connect as Operator.

5: UserFile (Enter=default) : rexx/AmServ.users
- Press enter, the system will use the default location.

6: LogFile (Enter=default) : RAM:AmServ.log
- Press enter.. and the system will use RAM:AmServ.log as default.

7: Ratio (ex. 6 = 1:6) write a number: 5
- The ratio is a byte rato. That means if a USER send a file on
10000b to the server, it will give him/her 10000*ratio (here it
will be 10000*5=50000b) in credits.

8: Newuser's start credits (in bytes) : 60000
- If a new user log into your server, he/she will get 60000b
free credits.

9: Maximum allowed downloads at once pr.user : 3
- After a while of running a FileServer you notice that the
bandwidth (the speed of your modem) decreases as more users
download files at the same time. So here you can set a limit
of how many simultanious files the user can have. (here if the

user has 3 files sending, and tryes to get a file, it will be
denied.)

10: Maximum allowed uploads at once pr.user : 4
- the same as max downloads. you set the limit so that
the users can load you with 100files at once.

11: notice users who joins the #channel? (yes/no) : yes
- On "YES" all the users who join the channel(s) which the
server is in will get a NOTICE message. A little
notice-advertisement. (the notice-adverticement will come
longer down in this config-procedure)

12: Maximum users online at once : 5
- Sometimes, when the traffic is high, you want to keep speed
of the server transfers up. To prevent too many users, you can
choose how many you want here.

13: Hold Directory (Enter=default) : dh1:hold/
- The holddirectory is where the temporary-files will be created
while users download their hold packets. The hold system is new
in V1.1, and is a kind of: File-bag. You request files, and download
them all at once archivated later.

14: Maximum size on hold-packets (bytes) : 900000
- To prevent the system to stall too much, while users pack their
hold-dir, you can set a limit of maximum bytes in the hold dir.

15: Write a line to be used as advertisement (on-joins etc)
    You can use these keywords: %n %o %m %t %r %c %v %% %s
        %s=servername, %o=usersonline %m=maxconnections,
        %t=trigger-keyword, %r=ratio, %c=newcredits,
        %v=version-tag, %%="%" %s=OperatorNick ..
        %v=version-tag, %%="%" %s=OperatorNick ..
    Example: Trigger %n with %t. Newusers get %cb free. The ratio is %r [%o of %m ←↩
        slots in use]
    Enter Line (enter=example as default) :
- This line will be used when the server is in file-server channels
and it advertise it self. In the advertisement it is common to tell
the server name and the trigger name. It is also nice if you mention
the newusercredits and the ratio on your fserve.. (use %r for ratio)

16: Enter the time (in secounds) between each adverticing : 60
- This is the interval between each auto-advertisement the server
sends to the selected channels. Please don't set this value too
low, you will only anoy the users and probably get kicked out

----

After answering you must, if not allready done, connect the AmIRC
to the irc-server.

Then run another copy of AmIRC (you can use connect-thread) and
connect it to the same irc-network. Important: The nick must be the
same as what you typed as operator-nick in the questionary!

RULES

```
-----
 Do not remove lines in the dcc.chat-window
       while the server is running. However, they have to be
             cleaned up first before starting AmServ.
```

```
How I do it:
============
I open a amirc as usual and chat alittle around. And then open another
one i want  to run the server from. Then i load the AmServ.AmIRCfg
as settings. Now I Start the script from the secound AmIRC, and iconify
it. It works for me..

PS. Im sorry that amirc echo's all the DCC messages the script sends
to all the users. I found a way to open dcc's from directly to the
system, but less knowledge with that.
```

1.8 The Author.

```
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```
MORE HELP?
----------
You can either write an email to : hanspd@powertech.no
or try to contact me at UNDERNET:

/MSG Sonox blabla ... for help or
/MSG HSS !hss     ... testing my fileserver
/MSG _HSS_ !hss   ... -------- '' ---------

For updates check: http://home.powertech.no/hanspd/amserv.html
```

1.9 Wayway back when i was a little boy, I used to...

```
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HISTORY
=======

v0.0, the idea. (summer1997 – january1998)

After trying AmiServ, i could not get it to work (my fault). I really
wanted server so badly for the amiga. After a while i learned arexx fast
and started to program this. There was big problems with the DCCMSG's.
I had to run the server from TWO scripts. First launch the "listen"
script and then the server-script. I never thought it was going to be
anything out of it.. After a while, the dir and get was working.
Most bugtesting has been going on while running the server inside
the fserve-channels! (poor users, they didn't notice).
Now that AmIRC2.0 is released, Olli had fixed the routing of
DCCMSG's to the GETLINE function. So everything got alot easier.
The fileserver was now able to run from only one script. Then
it was clear, i had to do the 1.0 ......

v0.x (summer1997) personal use only

– connection of users
– userfile, users recognized by nickname.
– receive and send
– listing of dirs'n'stuff, later on "LS"-list.

v1.0 (21.1.1998) free to the people

– added config:
– commands:
   '– DIR   – List directory, w/sizes.
   '– LS   – List directory, in unix style.
   '– CD [dir]   – Change directory.
   '– ZDIR [zipfile]   – Listing of a zipfile.
   '– GET [file]   – Download file.
   '– RATIO/CREDIT   – Show credits and ratio.
   '– WHO   – Who is logged in, lists node-numbers.
   '– NO/SAY [nodenr] [msg] – Talk to a user on a node.
   '– ABOUT   – About AmServ..
   '– ?   – list user-commands

– operator-commands:
   '– JOIN [#channel]   – Make server join a #channel

```
        `- PART [#channel]        - Make server part a #channel
        `- SHOWCHANNELS           - List channels that server is on.
        `- ADVERT                 - Advertise in all joined channels.
        `- ADVERT [#chan1 #chan2..] - Advertise to given channel names.
        `- SHUTD [mins]           - Warn all users about system shutdown.
        `- GC [bytes]             - Give download-credits to a user.
        `- SETNOTICE [ON/OFF]     - Set notice on join/part.
        `- SETRATIO [nr]          - Set new ratio 1:nr.
        `- SETFDIR [path]         - Set new files path.
        `- SETUSERFILE [path+file] - Set new Userfile path.
        `- SETLOGFILE [path+file] - Set new LogFile path.
        `- SAVECONFiG             - Save server settings to configfile.
        `- RESTORECONFIG          - Load server settings from configfile.
        `- CONNECT [nick]         - Connect a user to the server.
        `- !?                     - list operator-commands.
- poor .readme file
- lots of bugs.


v1.01 (23.1.1998) a small bugfix
--------------------------------
- fixed the non-command-responding problem.
  alot of users had problems with the same deal.


v1.1 (5.2.1998) things that lacked
----------------------------------
- fixed receive-path-problem.
- fixed a bug in the say/no commands. (sometimes sent to wrong users hehe)
- fixed command-reports. Now checking if ~(nick==master).
- fixed multiconnect-problem. Times out dcc requests.
- Fix: No more need to assign AmIRC:
- added hold-system. Now users can use asterix too. You can edit
  maximum bytes pr.hold packet.
    `- add           - add file(s) to hold (asterix "*" allowed (am*.jpg))
    `- dirh          - list hold.
    `- remh [file]   - Remove a file from hold.
    `- geth [ZIP/lha/lzx] ([PK])   - (ZIP is default) (PK:packing is optional, else ↩
         the files are stored)
  ps. this isn't finnished yet..
- added login-message-file (AmServ.login). Now you can edit it yourself.
- added date and time in logfile.
- added max-user-connections.
- added rest of config commands. (info, setmaxusers, setcredits etc)
- better userhandler. (The old one got too slow when the userfile got big.)
  (no need to panic, AmServ auto converts old userfiles!)


v1.2 (13.8.1998) more commands, less bugs (hm?? :-) )
-----------------------------------------------------
- added extended whos-on listing (W/WHO)
- added configurable advertise-message!!
- added advertise-timer and selected-channels-to-advertise-in.
- added kickuser-function
- added close-send/receive-file function
- added cleanup-userfile. Now you can delete users who has
        less than x-creds from your userlist. This is helpful
```

```
        when you have alot of visitors. Use it once a while.
- fixed internal log function


v1.21 (3.9.1998) minor fix and change in DIRH and GETH commands
---------------------------------------------------------------
- fixed a minor bug in dirh. It showed no files if you where
  a secound or third or fourth or ...
- changed the default gethold-archive-format from ZIP to LHA.
  My ZIP executable is slooow. (Even with no compression) If anyone
  has complaints about this,  email me. Users can still ZIP their
  files by writing "GETH ZIP"


v1.22 internal use only
-----------------------
- fixed alot of bugs.
- never released. AmServ was laid on ice for a while when i moved
out from home.


v1.3 (31.5.2000) im back on developing AmServ!
----------------------------------------------
- rewrote the receive-handler.
        added function: setmaxups, set maximum uploads at once.
        added stop for uploading of existing files.
        upload not longer dependent on receive-window in AmIRC

- fixed dcc-chat-received problem that hung the serv.
- added MakeFilelists. (experimental!)
        the filelists must be named: ram:filelist.txt and ram:filelist_up.txt


v1.31 (6.6.2000) serious bug, but small one!
--------------------------------------------
- forgot to cut away some code. AmServ opened questionary
everytime if amserv.config existed or not. Sorry about that.
```