

UMSFix

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	<i>TITLE :</i> UMSFix		
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REVISION HISTORY

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Chapter 1

UMSFix

1.1 UMSFix

UMSFixV1.0

Areafix for the UMS-System.

Description

Copyright

Disclaimer

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1.2 Description

The UMSFix is a small Groupfix for UMS.

A Groupfix is able to maintain your uplink-exporters grouplists and is able to order missing groups at your uplink, if he is a Fido-Technical-system.

UMSFix is able to process the requests of users to

- add areas
- sub areas
- switch arcmail on/off
- set the arccmd
- rescan groups
- send a list of connected areas
- send a list of available areas
- send a helptext

UMSFix automatically adds and subs areas at your uplink and repeats this requests after definable times running in subscribe-mode.

Normally, there is no need for a point to use an own groupfix, but I think this one is even for points very useful, especially if your connected to different uplinks, because UMSFix sorts it's orders depending on the importers ReadAccess.

Due to the fact that it stores the active groups even for the remote systems exporters, it works for e.g. NNTP, too.

With the additional tool "UMSSetByList" QWK-exporters can be contolled easiely, and maybe some other exporters, too.

It requires

```
Kickstart 2.04
,
Workbench 2.0
and
UMS V11
or better.
```

The UMSFix contains an embedded version id in CBM format which can be shown using the Shell command VERSION of Workbench 2.0.

All program components are tested with Enforcer V37.28 and MungWall V37.55.

1.3 Copyright

UMSFix is Giftware 1995 by
Peter Stegemann
.

If you like and use this programm, you should send me
anything of worth, e.g. some money.

BUT NEVER FORGET: Supporting the public domain is supporting yourself. The
authors of pd are spending loads of time on their work, so
honor it by supporting it.

All Rights Reserved.

Kickstart 2.04 and Workbench 2.0 are Copyright 1985-1992
by Commodore-Amiga, Inc.

1.4 Disclaimer

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1.5 Contents

This software package consists of the following files:

```
UMSFix           - the program itself

UMSFix.guide     - english amigaguide doc
UMSFix.guide.info - it's icon
```

1.6 Usage

UMSFix N=NAME, P=PASSWORD, S=SERVER, SUBSCRIBE/S

```
N=NAME           - Name of the user Areafix, normally "Areafix" or "Allfix".
                  Default: "Areafix"
P=PASSWORD       - Password to login.
                  Default: ""
S=SERVER         - Your MsgBase.
                  Default: "default"
SUBSCRIBE/S     - Subscribe and Desubscribe areas from your uplinks.
                  Default: don't subscribe...
```

1.7 Installation

First you have to add a sysop with the name your Groupfix shall have: ↔

```
( Sysop
  ( Alias
  )
  ( READACCESS "~(#?)" )
  ( WRITEACCESS "~(#?)" )
  ( NETACCESS "#?" )
  ( IMPORT % )
  ( Name Areafix )
```

```
( Password )
( expire.private 25 )          /* not really needed */
)
```

Add...

```
... "
    groupfix.password
    " for every user with access to the areafix.
... "
    groupfix.subscribe
    " for every user with access to the areafix except for
those operating in "pass-through"-mode.
... "
    groupfix.users
    " global.
... "
    groupfix.remote
    " global.
... "
    groupfix.groupsvar
    " for users and exporters.
```

The following are not so important, but very usefull:

```
... "
    groupfix.autoexpire
    " global.
... "
    groupfix.arccmd.<arctype>
    " global for every <arctype>.
... "
    groupfix.forwarddelay
    " global.
... "
    groupfix.logfile
    " global.
... "
    groupfix.loglevel
    " global.
... "
    groupfix.reportlevel
    " global.
... "
    groupfix.groupfixname
    " global.
... "
    groupfix.help
    " naming the file send as answer to the "%HELP"-request.
... "
    groupfix.noaccess
    " naming the file send if the user has no access to
your areafix. E.g. if he does not exist as an exporter in your config.
... "
    groupfix.pwfailure
    " naming the file send on a password failure.
```

```

... "
        groupfix.groups.<netname>
        " naming the file send as answer to the
"%LIST"-request.
... "
        groupfix.groups.local
        " naming the file send to local users as answer to the
"%LIST"-request.

```

1.8 History

V0.5> (10.02.95)

- first beta release

V0.6> (24.02.95)

- fixed login bug.
- added
 - groupfix.groupsvar
 - .
- added expiring of unsubscribed groups.
- added
 - groupfix.autoexpire
 - .

V0.7> (26.03.95)

- fixed the "UMSFix does never ever work" bug. Sorry, I don't know how this ↔ happened...

V0.8> (21.09.95)

- added
 - groupfix.arccmd
 - .
- added grouplist for remote exporters.

V1.0> (19.11.95)

- changed the default for
 - groupfix.groupsvar
 - to
 - groupfix.subscribe
 - .
- added
 - groupfix.forwarddelay
 - .
- groupnames will no more be "case-changed".
- added
 - groupfix.logfile
 - .
- added
 - groupfix.loglevel

- added .
groupfix.reportlevel
- added .
groupfix.groupfixname
- added .
groupfix.noaccess
- added .
groupfix.help
- added .
groupfix.pwfailure
- added .
groupfix.groups.local
- added groupfix.groups.<netname>.
- added ums.log-support.

1.9 Bugs

Hum, this is the V1.0 Release, so I haven't put any Bugs in it.

1.10 Thanx

A special Thanx to the following people:

- Martin Hornoeffer & Kai Bolay for UMS
- Andr Schenk for UMSFido and his help with my configuration :)

1.11 Contact

For suggestions, bugreports, postcards and gifts contact me under:

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Data: +49(0)7723-91025 (ZyX16k8 & X.75/V.110)

1.12 Lyrics

Anything that happens, happens.
Anything that, in happening, causes something else to happen,
causes something else to happen.
Anything that, in happening, causes itself to happen again, happens again.
It doesn't necessarily do it in chronological order, though.

by Douglas Adams, in "Mostly Harmless".

1.13 groupfix.password

The password given with the variable "groupfix.password" has to be put in the subject by the user if he want's to access the areafix. If it does not match, he will get an errormsg back.

If this variable does not exist, the user has no access to the areafix.

Type: local

Example: (groupfix.password "MYSECRETPASSWORD")

1.14 groupfix.subscribe

The variable "groupfix.subscribe" is already described in the documents to UMSFido. In this variable the names of active groups are stored. You don't need to touch this variable, just enter it empty. If you want to set a link to pass-through-mode, remove this variable.

If this variable does not exist, all areas are connected and the user has no access to the areafix. If the user is a local user at your msgbase, the variable Intuinews.groups has to be used instead.

Type: local

Example: (groupfix.subscribe
"fidonet.org.AMIGA_MARKT.GER\n"
"fidonet.org.AMIHARD.GER\n"
"fidonet.org.AMIPROG.GER\n"
"fidonet.org.AMI_ASM.GER\n"
"fidonet.org.AMYREQ.GER\n"
"fidonet.org.BREISGAU_ALG\n"
"fidonet.org.CDROM.GER\n"
)

1.15 groupfix.users

In this variable you have to store those users, whose area-requests have to be forwarded to your uplinks, if the area isn't already available at your systems. If a user who is not listed here subscribes a new area which does not exist at your system, the request will not be forwarded, he will never receive mails in this area.

Type: global

```
Example:    ( groupfix.users
             "Peter_Stegemann\n"
             "fido.39.173.120.0\n"
             "fido.2.2476.824.8\n"
             )
```

1.16 groupfix.remote

In this variable those of your links are stored, where the areafix has to subscribe and unsubscribe areas from. Where areas are subscribed from is controlled by the variable "READACCESS".

Type: global

```
Example:    ( groupfix.remote
             "fido.2.2476.800.0\n"           /* my normal fido uplink */
             "fido.2.2476.803.0\n"           /* a node where i get some */
                                             /* lokal areas from      */
             "fido.39.17.1.0\n"             /* my amiganet uplink    */
             "fido.90.400.101.0\n"          /* my nest uplink        */
             )
```

1.17 groupfix.autoexpire

If this variable is set to "yes" a group will be expired after the last user disconnects from it. If this variable is not set, it may happen that the group is unsubscribed at your uplink several times - until it's last msg has been removed from the messagebase.

Default: no

Type: global

```
Example:    ( groupfix.autoexpire yes)
```

1.18 groupfix.groupsvar

In this variable you can store the variable which shall be used for local users. This variable can be used by newsreaders to show only the groups the user wants to read. For IntuiNews this is "IntuiNews.groups".

Default: groupfix.subscribe

Type: local & global

Example: (groupfix.groupsvar "IntuiNews.groups")

1.19 groupfix.forwarddelay

With this variable you can control, after how much times running the UMSFix in subscribe-mode it should retry to de-/subscribe a group until it's available/removed.

Default: 5

Type: global

Example:

```
( groupfix.forwarddelay "7" )
```

1.20 groupfix.logfile

This variable points to a special UMSFix-Logfile.

Default: <disabled>

Type: global

Example:

```
( groupfix.logfile "Log:UMS.log" )
```

1.21 groupfix.loglevel

This variable sets the detail of the log-output.

1-4: An ERROR. 1 = fatal error, 4 = recoverable error.

5-7: General information or report.

8-9: Information that is not useful for normal operation, but used for debugging purposes.

Default: 5

Type: global

Example:

```
( groupfix.loglevel "5" )
```

1.22 groupfix.reportlevel

This variable sets the detail of the stdout-output.

1-4: An ERROR. 1 = fatal error, 4 = recoverable error.
5-7: General information or report.
8-9: Information that is not useful for normal operation, but
used for debugging purposes.

Default: 5
Type: global

Example:

```
( groupfix.reportlevel "5" )
```

1.23 groupfix.groupfixname

With this variable you can set the name of the remote-groupfix, where the subscribe-messages should be send to.

Default: "Areafix"
Type: local & global

Example:

```
( groupfix.groupfixname "Allfix" )
```

1.24 groupfix.arccmd

Set this variable for every compressor your downlinks may choose.

Refer to "

```
groupfix.help  
" to see how the compressor may be choosen by your downlinks.
```

Type: global

Example:

```
( groupfix.arccmd.ZIP "Work:Bin/Zip -9 -m %arcName %pktName" )  
( groupfix.arccmd.LHA "Mail:Scripts/ArcPkt %arcName %pktName" )
```

1.25 groupfix.help

This file will be sent, if an user sends "%HELP" to the groupfix.

Type: global

Example:

```
( groupfix.help      "Mail:groufix.help" )
```

File: "Mail:groufix.help":

Here's some help about how you can use AreaFix to change your echomail areas.

You just have to write a message to 'AreaFix' and tell AreaFix what he has to do for you.

Example:

```
From : Mister Mustermann      39:173/150.0
To   : AreaFix                39:173/100.0
Subj : PASSWORD               <- Your password
```

```
-----
+RA_UTIL          <- Add (link) area
+DFUE.GER

-SYSOPS.024      <- Remove (unlink) area

%RESCAN AMIGA.GER <- Rescan this area

%QUERY          <- Ask for your active areas
%LIST           <- List available areas
%HELP           <- AreaFix will send you this help
%EXTRANETMAIL ON <- Send netmail uncrunched
%EXTRANETMAIL OFF <- Send netmail crunched

%COMPRESSION LHA <- Compress with Lha
%COMPRESSION ZIP <- Compress with Zip
```

1.26 groupfix.noaccess

This file will be sent, if an user tries to access the areafix, who is not allowed to do so.

Type: global

Example:

```
( groupfix.noaccess  "Mail:groufix.noaccess" )
```

File: "Mail:groufix.noaccess":

You have no access to the areafix on this system. Ask you're uplink for help.

1.27 groupfix.pwfailure

This file will be sent, if an user tries to access the areafix using a wrong password.

Type: global

Example:

```
( groupfix.pwfailure "Mail:groufix.pwfailure" )
```

File: "Mail:groupfix.pwfailure":

You're password does not match. Please retry with the correct password.

1.28 groupfix.groups.local

This file will be sent, if a local user sends "%LIST" to the groupfix.

Type: global

Example:

```
( groupfix.groups.local "Mail:groups.local" )
```

File: "Mail:groups.local":

```
groups.amiganet.ftn:  
!PA_LINKS  
!PA_NEWFILES  
AMIGA-E_AMY  
Aminet.Readme  
AMY_171_SYSOP.GER  
AMY_COORD.GER  
AMY_DFUE.GER  
groups.fidonet.org:  
AMIGA_C.GER  
ATARI_EXPERT.GER  
MAINFRAME.GER  
SHORTWAVE.GER  
ADOPTees  
CD_ECHO  
GENSYSOP  
MUSICIAN'S_SERVICES  
POWERPC  
SB-NASA_TECH  
STOCK_MARKET  
WORLDTLK  
{COMMO}  
groups.gernet.ftn:  
CT.GER  
CT.PROJEKTE  
CT.PRUEFSTAND  
ELRAD.GER  
GERNET  
groups.fido.de:
```

```
COMP.DATABASES.ORACLE
COMP.LANG.MODULA2
COMP.OS.LINUX.DEVELOPMENT
COMP.OS.XINU
COMP.SYS.AMIGA.DATACOMM
COMP.SYS.IBM.PC.GAMES
COMP.SYS.MAC.OOP.TCL
COMP.SYS.SUN.ADMIN
COMP.SYS.SUN.HARDWARE
COMP.UNIX.XENIX.MISC
REC.ARTS.MARCHING.MISC
REC.GAMES.BOARD.CE
REC.GAMES.TRIVIA
REC.MUSIC.MAKERS.MARKETPLACE
REC.MUSIC.MAKERS.SYNTH
SCI.ENVIRONMENT
DE.ADMIN.NEWS.ANNOUNCE
DE.COMP.OS.OS9
DE.REC.GAMES.RPG
```

1.29 groups.netname

This file will be sent, if a remote user sends "%LIST" to the groupfix.

Type: global

Example:

```
( groupfix.groups.fidonet.org "Mail:groups.fidonet.org" )
; matches to ( fido.netname "amiganet.ftn" )

( groupfix.groups.amiganet.ftn "Mail:groups.amiganet.ftn" )
; matches to ( fido.netname "amiganet.ftn" )
```