ALockUtils

	COLLABORATORS		

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ALockUtils

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                                ALockUtils Version 1.0

                        09.05.1996

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```
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1.2 Copyrights

1.3 Author

Please, send comments, bug observations, and development proposals to me

```
  ____                    ____
|\  /| PAPER            |\  /| ELECTRONIC         /\  HOME PAGE
| \/ | MAIL             | \/ | MAIL             /  \ _=___=___=_ 01010101
|____| abcdefgh         |____| 01010101         |[]| |   |   | 10101010

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90560 OULU 56
FINLAND
```

1.4 Introduction

```
                     ALockUtils Version 1.0

                        Introduction
```

ALockUtils is a collection of useful CLI-utilities for all ALock (Amiga
security system by Trevor Andrews) users.
With ALockUtils it's easy to add and remove system's users, change your
password, get various information about users, execute individual startup-
sequences in startup, write protect drives from certain users and send
mails to other users.

1.5 Requirements

```
                     ALockUtils Version 1.0

                        Requirements
```

```
        +----------------------+----------------------+
        : Kickstart            : version 2.04 or better :
        +----------------------+----------------------+
        : Programs             : lock                 :
        :                      : assign               :
        :                      : execute              :
        :                      : ALock                :
        +----------------------+----------------------+
        : Environment variables : Kickstart           :
        :                      : Workbench            :
        :                      : UserName             :
        :                      : HostName             :
        +----------------------+----------------------+
```

Programs lock, assign and execute are in your WorkBench-disk.
Environment variables "Kickstart" and "Workbench" should be set for
correct values (values are needed by
                Login
                  command). Other variables
are set by ALock when loged in.

1.6 Installation

                            ALockUtils Version 1.0

                        Installation

        Directories
        Important directories

        Files
        Important files

        Environment variables
        Important variables

In order to use ALock utilities you have to create certain directories and
files, set environment variables, and modify startup-sequence.

1.7 Directories

                            ALockUtils Version 1.0

                    Installation (directories)

        System's home

        User's home

Directories for system's home and users' homes are needed.

1.8 System's home

ALockUtils Version 1.0

Installation (directories: System's home)

System should have an own directory, where all users' home directories,
lock files, and individual MOTD files are.

The following commands requires path to the system's home:

HomeAdd

HomeDel

UserStartup

1.9 User's home

ALockUtils Version 1.0

Installation (directories: User's home)

Every user have an own home directory. Home directory is located at system's
home. Say we have user with user ID "jake" and system's home directory is
located at "S:Users/". This user's home directory will therefore be
"S:Users/jake/".
When user logs into a system (ALock and
UserStartup
commands), device
HOME: is assigned to user's home directory.

The following commands requires device HOME: existent:

Mail

MailBox

NewMail

ReadMail

TrashMail
Use command
HomeAdd
to create new home directory.

1.10 Files

<div align="center">
ALockUtils Version 1.0

Installation (files)
</div>

          Startup sequence

          Mailbox

          Drive locks

          Individual startup

          Individual MOTD

          Programs

          Preference files
          ALock utilities assume that certain files exists. Like mailbox, ←
            drive lock,
startup, motd, and preference files.

1.11 Startup-sequence

<div align="center">
ALockUtils Version 1.0

Installation (files: Startup-sequence)
</div>

```
Device ENV: should be created before any ALock commands
  ...
  MAKEDIR RAM:CLIPBOARDS RAM:ENV RAM:ENV/SYS RAM:T
  COPY ENVARC: RAM:ENV ALL QUIET NOREQ
  ...

Set environment variables
  ...
  SETENV Workbench 37.71   ; Set environment variable for Login
  SETENV Kickstart 37.175   ; Set environment variable for Login
  ...

Then assign device ETC: for ALock
  ...
  ASSIGN ETC: S:Users      ; Tell ALock where files passwd, finger.log, and motd ←
      are

Execute ALock, ALockPatch, FlushLog, and UserStartup commands
  ALock >NIL: -d30
  ALockPatch
  FlushLog
  UserStartup S:Users/Homes
```

```
  ...
```

The end of startup-sequence could look like this (for example)
```
  ...
  IF EXISTS S:user-startup
    EXECUTE S:user-startup
  ENDIF
  ENDCLI >NIL:
```

1.12 Mailbox

ALockUtils Version 1.0

Installation (mailbox)

Each user have an own mailbox. Mailbox is located at "HOME:mail/incoming".
Mailbox contains several mails which all have a same format:

```
  From: <id>@<host><LF>
  Subject: <subject><LF>
  To: <id> (<real_name>)<LF>
  Date: <weekday> <month> <day> <hour>:<minutes>:<seconds> <year><LF>
  <message><FF>
```

where

<id>
User ID

<host>
Host name

<subject>
Mail subject

<real_name>
User real name

<weekday>
Weekday (Mon, Tue, Wed...)

<month>
Month (Jan, Feb, Mar...)

<day>
Day (01-31)

<hour>
Hour (00-23)

<minutes>
Minutes (00-59)

<seconds>

Seconds (00-59)

<year>
Year (1-)

<message>
Mail text

<LF>
Line feed (ASCII value 10 ($0A))

<FF>
Form feed (ASCII value 12 ($0C)). This serves as end of mail mark.

The following commands are used when dealing with mailboxes:

                Mail

                MailBox

                NewMail

                ReadMail

                TrashMail
                When home directory is created with
              HomeAdd
                command, mailbox is created
automaticly. Use command HomeAdd!

1.13 install_lock

                                ALockUtils Version 1.0

                        Installation (drive locks)

Superuser can write protect drives from users. In system's home directory
every user have an own lock file containing the name of the drives which
should be write protect when user logs in. Lock file name is "lock.<id>",
where <id> is the user ID.
Say we have an user with user ID "jake" and we want to lock drives DH1: and
DH2: from that user. What we need to do, is to create file "lock.jake" in
system's home directory and write two lines in that file:

  DH1:
  DH2:

and that's it!
Drives are locked when
              UserStartup
               command or
              Login

```
                    command is
succesfully executed. Locking is not permanent. Either reboot or new login
(Login command) will release the locks.

Commands using drive lock file:


              Login

              UserStartup
              When home directory is created with
            HomeAdd
              command with option LOCKS,
empty lock file is created. After creating the lock file, use any text
editor to add drive names (which should be locked) in that file.
```

1.14 Individual startup

```
                                    ALockUtils Version 1.0

                  Installation (individual startup)


Each system user can have an own individual startup sequence. Individual
startup sequence is an AmigaDOS script file (like startup-sequence)
containing AmigaDOS commands.
Startup file is located at user's home directory with name "startup".
If you have low memory and want to use for example PC-Task PC emulator
(demo version, located at "DH1:Emulators/PC/PC-Task/"), create new user with
name "286" and write into a that user's startup file following lines:

  ; This is an individual startup sequence for PC-Task users
  DH1:Emulators/PC/PC-Task/PC-TaskDemo

Every time user "286" logs in, only PC-Task emulator will be executed.
You save time and memory!

Commands using individual startup file:


              UserStartup
              When home directory is created with
            HomeAdd
              command with option STARTUP,
empty startup file is created. After you have an empty startup file, use
any text editor to add AmigaDOS commands in it.
```

1.15 Individual MOTD

```
                                    ALockUtils Version 1.0

                  Installation (individual MOTD)
```

When any user logs in using ALock the contents of MOTD (Message Of ToDay)
file will be shown (ASCII text file). But when user logs in using Login
command the contents of MOTD file will be shown and the contents of
individual MOTD file (ASCII text file).
Individual MOTD files are located at system's home with name "motd.<id>",
where <id> is user ID. An example of individual MOTD file:

```
  You are logged in as '286' - PC-Task user.
  Other emulators available in this system:

  BridgeBoard   Login: 386   Password: 386
  A64           Login: c64   Password: c64
```

The length of individual MOTD file is not limited.
If MOTD file (global or individual) does not exists it's not been shown
either.

Commands using individual MOTD file:

```
              Login
              When home directory is created with
            HomeAdd
              command with option MOTD,
```
empty MOTD file is created. Use any text editor to edit the "message of
today".

1.16 Programs

ALockUtils Version 1.0

Installation (programs)

Copy the following programs to the C: device:

ALockPatch

Finger

FlushLog

HomeAdd

HomeDel

HostName

Last

ListUsers

```
                    Login

                    Mail

                    MailBox

                    NewMail

                    Passwd

                    ReadMail

                    TrashMail

                    UserAdd

                    UserDel

                    UserMod

                    UserStartup

                    WhoAmI

                    WhoIs
```

1.17 Preferences

```
                              ALockUtils Version 1.0

                    Installation (preferences)
```

```
 Currently only
              FlushLog
               requires preference file: "ENVARC:FlushLog.prefs".
 When superuser sets new limit for log file, the FlushLog preference file
 is updated/created.
```

1.18 Environment variables

```
                              ALockUtils Version 1.0

                 Installation (environment variables)
```

```
          ENVARC:

          ENV:
          The following environment variables are used:
```

```
Workbench - user sets
Kickstart - user sets
HostName  - user sets directly or by using
                HostName
                 command
UserName  - ALock sets
UserID    -
                ALockPatch
                 sets
```

1.19 ENVARC:

ALockUtils Version 1.0

Installation (environment variables: ENVARC:)

Files in ENVARC:

```
FlushLog.prefs -
                FlushLog
                 command preferences
HostName       - system name
```

1.20 ENV:

ALockUtils Version 1.0

Installation (environment variables: ENV:)

Files in ENV:

```
FlushLog.prefs -
                FlushLog
                 command preferences (FlushLog creates)
HostName       - system name
Kickstart      - kickstart version number (user creates)
UserID         - current user ID   (
                ALockPatch
                 sets)
UserName       - current user name (ALock sets)
Workbench      - workbench version number (user creates)
```

1.21 Programs

ALockUtils Version 1.0

Programs

```
All commands


                    ALockPatch

                    Finger

                    FlushLog

                    HomeAdd

                    HomeDel

                    HostName

                    Last

                    ListUsers

                    Login

                    Mail

                    MailBox

                    NewMail

                    Passwd

                    ReadMail

                    TrashMail

                    UserAdd

                    UserDel

                    UserMod

                    UserStartup

                    WhoAmI

                    WhoIs
                    Commands in groups


                    Information

                    Loging in

                    Mailing

                    Misc
```

```
           Users
```

1.22 Information

```
                              ALockUtils Version 1.0

           Programs (information commands)


       Finger

       Hostname

       Last

       ListUsers

       MailBox

       NewMail

       WhoAmI

       WhoIs
       Commands for information.
```

1.23 Loging in

```
                              ALockUtils Version 1.0

           Programs (loging in commands)


       FlushLog

       Last

       Login

       UserStartup
       Commands for login procedure.
```

1.24 Mailing

```
                              ALockUtils Version 1.0

           Programs (mailing commands)
```

```
Mail

MailBox

NewMail

ReadMail

TrashMail
Commands for mailing.
```

1.25 Other commands

```
                        ALockUtils Version 1.0

        Programs (other commands)


AlockPatch

FlushLog

HostName
Miscellaneus commands.
```

1.26 Users

```
                        ALockUtils Version 1.0

        Programs (user commands)


Finger

HomeAdd

HomeDel

Last

ListUsers

UserAdd

UserDel

UserMod
```

```
                    Passwd

                    UserStartup

                    WhoAmI

                    WhoIs
                    Commands connection to users.
```

1.27 ALockPatch

NAME

  ALockPatch

REQUIREMENTS

  Device "ETC:", file "ETC:passwd" and environment variable "UserName".

DESCRIPTION

  ALockPatch patches ALock security system by creating environment variable
  "UserID". This variable contains current user's login ID.
  ALockPatch should be executed in startup-sequence just after ALock.
  If several user have a same name (real name) it is uncertain if "UserID"
  is set correctly.

ARGUMENTS

  ALockPatch

EXAMPLES

  ALockPatch

BUGS

  None known.

LOOK ALSO

  –

1.28 Finger

NAME

Finger

REQUIREMENTS

Device "ETC:", files "ETC:passwd" and "ETC:finger.log" and environment
variable "UserID".

DESCRIPTION

Finger gives information about current user or any other user.

ARGUMENTS

Finger ID

ID - user's ID you want to get information.

Without any arguments Finger shows information about current user.

EXAMPLES

Finger
Finger jake

BUGS

None known.

LOOK ALSO

ListUsers

WhoAmI

WhoIs

1.29 FlushLog

NAME

FlushLog

REQUIREMENTS

Device "ETC:", file "ETC:finger.log" and environment variable "UserID".
Preference file "ENV:FlushLog.prefs" is used if present.

DESCRIPTION

  FlushLog updates system's logfile.
  This command should be executed in a startup-sequence after ALock.

ARGUMENTS

  FlushLog SIZE/N

  SIZE - sets new limit for login history.
         Preference file FlushLog.prefs is created to ENVARC: and
         ENV: devices if not exists.
         Option available only for superuser.

  Without any arguments FlushLog updates logfile ("ETC:finger.log") by
  removing login information (starting from oldest), until only <logsize>
  entries are left.

EXAMPLES

  FlushLog
  FlushLog 10

BUGS

  None known.

LOOK ALSO

                    Last

                    Login

1.30 HomeAdd

                  NAME

  HomeAdd

REQUIREMENTS

  Device "ETC:", file "ETC:passwd", environment variables "UserID" and
  "HostName".

DESCRIPTION

  Superuser command only.

  Create home directory for new user.
  User's home directory is named after his/her login ID. Device HOME: is
  assigned to that directory every time user logs in.

  The following directories and files are created to the <system's_home>:

  <id> (DIR)   Created always.
    mail (DIR)   Created always.
      incoming   Created always. Contains greetings mail.
    startup   Created when switch STARTUP is present. Is empty.
  lock.<id>   Created when switch LOCKS is present. Is empty.
  motd.<id>   Created when switch MOTD is present. Is empty.

  <id> is the login ID of given user.

ARGUMENTS

  HomeAdd P=PATH/K,ID,STARTUP/S,LOCKS/S,MOTD/S

  PATH   - path to the system's home (users' home directories are stored
            here)
  ID   - user ID
  STARTUP - create default startup file
  LOCKS   - create empty lock file
  MOTD   - create individual default "message of to day" file

EXAMPLES

  HomeAdd S: jake STARTUP LOCKS MOTD
  HomeAdd S: jake STARTUP
  HomeAdd S: jake

BUGS

  None known.

LOOK ALSO

              HomeDel

              UserAdd

1.31 HomeDel

              NAME

```
    HomeDel
```

REQUIREMENTS

```
  Device "ETC:" and environment variable "UserID".
```

DESCRIPTION

```
  Superuser command only.

  Removes home directory of given user.

  The following directories and files are removed from <system's_home>:

  <id> (DIR)
    mail (DIR)
      incoming
    startup
  lock.<id>
  motd.<id>

  <id> is the login ID of given user.
```

ARGUMENTS

```
  HomeDel P=PATH/K/A,ID/A

  PATH    - path to the system's home (users' home directories are stored
            here)
  ID      - user ID
```

EXAMPLES

```
  HomeDel S: jake
```

BUGS

```
  None known.
```

LOOK ALSO

```
            HomeAdd

            UserDel
```

1.32 HostName

NAME

  HostName

REQUIREMENTS

  Evironment variables "UserID" and "HostName".

DESCRIPTION

  Show or set computer's name.

ARGUMENTS

  HostName HOST

  HOST - New name for your Amiga. Option available only for superuser.

  Without arguments HostName shows computer's name.

EXAMPLES

  HostName
  HostName Amiga2000

BUGS

  None known.

LOOK ALSO

  -

1.33 Last

           NAME

  Last

REQUIREMENTS

  Device "ETC:" and file "ETC:finger.log".

DESCRIPTION

  Show user's last login information.

ARGUMENTS

   Last ID

   ID – user's ID for login information.

   Without argument Last shows every user's login information.

EXAMPLES

   Last
   Last jake

BUGS

   None known.

LOOK ALSO

                  FlushLog

                  Login

1.34 ListUsers

                  NAME

   ListUsers

REQUIREMENTS

   Device "ETC:" and file "ETC:passwd".

DESCRIPTION

   List system's users.

   Output:
     <user_id>1 <user_real_name>1
     <user_id>2 <user_real_name>2
     <user_id>3 <user_real_name>3
     ...
     <user_id>n <user_real_name>n

   System have <number_of_users> users.

   where

```
<user_id>
User ID

<user_real_name>
The real name of user

<number_of_users>
Total number of system's users
```

ARGUMENTS

   ListUsers

EXAMPLES

   ListUsers

BUGS

   None known.

LOOK ALSO

            Finger

            Last

            Mail

            UserAdd

            UserDel

            UserMod

            WhoIs

1.35 Login

            NAME

   Login

REQUIREMENTS

   Device "ETC:", files "ETC:passwd" and "ETC:finger.log", environment
   variables "UserID", "Kickstart", "Workbench", and "HostName", and command
   "lock".
   Files "ETC:motd" and "HOME:motd.<id>" are used if present.

DESCRIPTION

  Login logs into a system in a new name. The contents of files "ETC:motd"
  and "HOME:/motd.<id>" are shown. (<id> is an ID of user just logged in.)
  File "ETC:motd" is a general message of today (also shown by ALock) and
  file "HOME:/motd.<id>" is an individual message of today (shown only by
  login).

ARGUMENTS

  Login

EXAMPLES

  Login

BUGS

  BUG 1

    Login does not assign device "HOME:". Previous user's home directory
    remains as a new user's home directory.

  CURE 1

    Execute program "UserStartup".

  BUG 2

    ID and password are copied in the shell command-line buffer, where
    anyone can see them (cursor up).

  CURE 2

    No cure!

LOOK ALSO

                FlushLog

                Last

                UserStartup

1.36 Mail

                NAME

Mail

REQUIREMENTS

  Device "ETC:", file "ETC:passwd", environment variables "UserID" and
  "HostName".

DESCRIPTION

  Send mail. Before sending mail, you have to write it by using some text
  editor and save it somewhere. After that you can send the mail.

ARGUMENTS

  Mail SUBJECT/A,FILE/A,ID/A

  SUBJECT - mail subject
  FILE   - mail file name
  ID   - receiver's ID

EXAMPLES

  Mail Hello ram:mail.txt jake

BUGS

  None known.

LOOK ALSO

                    ListUsers

                    MailBox

                    NewMail

                    ReadMail

                    TrashMail

1.37 MailBox

                    NAME

  MailBox

REQUIREMENTS

Device "HOME:" and file "HOME:mail/incoming".

DESCRIPTION

  List mailbox contents.
  If any keywords are given, MailBox will list only those messages which
  include any of the given keywords. (Keyword search is case sensitive.)

  Output:
    <message_number>1   <mmm>1 <dd>1 <sender>1 <length>1   <subject>1
    <message_number>2   <mmm>2 <dd>2 <sender>2 <length>2   <subject>2
    <message_number>3   <mmm>3 <dd>3 <sender>3 <length>3   <subject>3
    ...
    <message_number>n   <mmm>n <dd>n <sender>n <length>n   <subject>n

  where

  <message_number>
  Message number

  <mmm>
  Month

  <dd>
  Day

  <sender>
  Sender user ID

  Mail length in bytes

  <subject>
  Subject

ARGUMENTS

  MailBox M=MAILBOX/K,KEYWORDS/M

  MAILBOX - name of the mailbox (default is "HOME:mail/incoming")
  KEYWORDS - list only messages including some or all of the keywords

EXAMPLES

  MailBox
  MailBox greetings hello hi
  MailBox MAILBOX=HOME:mail/incoming amiga Amiga AMIGA

BUGS

  None known.

LOOK ALSO

        Mail

        NewMail

        ReadMail

        TrashMail

1.38   NewMail

        NAME

  NewMail

REQUIREMENTS

  Device "HOME:" and file "HOME:mail/incoming".

DESCRIPTION

  Check if user have received new mail.
  If mail exists the screen will flash and message "You have <n> mails."
  will appear, where <n> is number of mails found.
  Ideal place for this command is in "Shell-startup".

ARGUMENTS

  NewMail MAILBOX

  MAILBOX - the name of the mailbox (default is "HOME:mail/incoming")

EXAMPLES

  NewMail

BUGS

  None known.

LOOK ALSO

        Mail

        MailBox

```
                    ReadMail

                    TrashMail
```

1.39 Passwd

```
                    NAME

  Passwd


REQUIREMENTS

  Device "ETC:", file "ETC:passwd" and environment variable "UserID".


DESCRIPTION

  Change current user password interactivitely.
  New password must contain at least 6 characters and commas are not
  allowed as a password characters.


ARGUMENTS

  Passwd


EXAMPLES

  Passwd


BUGS

  None known.

LOOK ALSO


                    Login

                    UserMod
```

1.40 ReadMail

```
                    NAME

  ReadMail
```

REQUIREMENTS

  Device "HOME:" and file "HOME:mail/incoming".

DESCRIPTION

  Extract new mail to the standard output.
  Mail number 0 is equal to the last mail number.

  Output:
    From: <userid>@<hostname>
    Subject: <subject>
    To: <userid> (<username>)
    Date: <weekday> <month> <day> <hour>:<minute>:<second> <year>

    <message>

  or (when NOHEADER-option present)
    <message>

ARGUMENTS

  ReadMail M=MAILBOX/K,MAIL/N/A,NOHEADER/S

  MAILBOX - name of the mailbox (default is "incoming")
  MAIL   - mail number
  NOHEADER - do not show mail header

EXAMPLES

  ReadMail 1
  ReadMail 1 NOHEADER
  ReadMail MAILBOX=home:mail/incoming 0
  ReadMail >RAM:last.txt 0 NOHEADER

BUGS

  None known.

LOOK ALSO

        Mail

        MailBox

        NewMail

        TrashMail

1.41 TrashMail

                        NAME

  TrashMail

REQUIREMENTS

  Device "HOME:" and file "HOME:mail/incoming".

DESCRIPTION

  Trash mail.
  Mail number 0 is equal to the last mail number.

ARGUMENTS

  TrashMail M=MAILBOX/K,MAIL/N/M/A

  MAILBOX - name of the mailbox (default is "home:mail/incoming")
  MAIL   - mail number(s) to be removed

EXAMPLES

  TrashMail 1
  TrashMail 1 3 4 7
  TrashMail MAILBOX=home:mail/incoming 0

BUGS

  None known.

LOOK ALSO

                        Mail

                        MailBox

                        NewMail

                        ReadMail

1.42 UserAdd

                        NAME

  UserAdd

REQUIREMENTS

  Device "ETC:", file "ETC:passwd" and environment variable "UserID".

DESCRIPTION

  Superuser command only.

  Create new user. Use command "HomeAdd" the create home directory for
  new user.

ARGUMENTS

  UserAdd I=ID/K,N=NAME/K,P=PASSWORD/K

  I=ID   - user unique identification name.
  N=NAME   - user's real name.
  P=PASSWORD - password for new user.

EXAMPLES

  UserAdd ID=jake PASSWORD="12345678" NAME="Janne Peräaho"

BUGS

  None known.

LOOK ALSO

                    HomeAdd

                    ListUsers

                    UserDel

                    UserMod

1.43 UserDel

                    NAME

  UserDel

REQUIREMENTS

  Device "ETC:", file "ETC:passwd" and environment variable "UserID".

DESCRIPTION

Superuser command only.

UserDel removes user from host computer. Use command "HomeDel" to remove
user's home directory.

ARGUMENTS

UserDel ID/A

ID - user's ID which you want to remove.

EXAMPLES

UserDel jake

BUGS

None known.

LOOK ALSO

HomeDel

ListUsers

UserAdd

UserMod

1.44 UserMod

NAME

UserMod

REQUIREMENTS

Device "ETC:", file "ETC:passwd" and environment variable "UserID".

DESCRIPTION

Superuser command only.

Modify user information.

ARGUMENTS

  UserMod I=ID/K,D=NEWID/K,N=NAME/K,P=PASSWORD/K

  I=ID   - user's ID which userinformation you want to modify.
  D=NEWID   - new user identification name.
  N=NAME   - new real name for user.
  P=PASSWORD - new password for user.

EXAMPLES

  UserMod ID=jake NEWID=jake PASSWORD="12345678" NAME="Janne Peräaho"

BUGS

  None known.

LOOK ALSO

                ListUsers

                UserAdd

                UserDel

1.45 UserStartup

                NAME

  UserStartup

REQUIREMENTS

  Device "ETC:", file "ETC:passwd, environment variable "UserID", commands
  "lock", "assign", and "execute".

DESCRIPTION

  With "UserStartup" it's possible to add individual startup-sequences for
  each system user. (startup file name = "startup", location = "HOME:" =
  <system's_home>/<id>/).
  It is also possible to lock drives from certain users by adding a file
  named after user's login ID (lock.<id>) in system's home. This file
  contains the names of the drives which should be write protect for this
  user. Each drive name have it's own line in that file. Locking is not
  permanent. Either reboot or new login will release the locks.
  Device HOME: is set to user's home directory.

This command should be executed in a real startup-sequence as a last
command.

ARGUMENTS

UserStartup PATH/A

PATH – path (=system's home), where UserStartup searchs for user's
       lock file, MOTD file, and user's home directory

EXAMPLES

UserStartup

BUGS

None known.

LOOK ALSO

Login

1.46 WhoAmI

NAME

WhoAmI

REQUIREMENTS

Environment variable "UserID".

DESCRIPTION

Show current user's identification name.

ARGUMENTS

WhoAmI

EXAMPLES

WhoAmI

BUGS

None known.

LOOK ALSO

                    Finger

                    ListUsers

                    WhoIs

1.47 WhoIs

                    NAME

  WhoIs

REQUIREMENTS

  Device "ETC:" and file "ETC:passwd".

DESCRIPTION

  Show user's real name.

ARGUMENTS

  WhoIs ID/A

  ID – user's ID which real name you want to know.

EXAMPLES

  WhoIs jake

BUGS

  None known.

LOOK ALSO

                    Finger

                    ListUsers

```
            WhoAmI
```

1.48 Limitations

```
                    ALockUtils Version 1.0

                         Limitations
```

```
Security gained through ALock is far from perfect, but it offers excellent
basic security solutions for average users.
Main weak points are unprotected password file and OS's ability to prevent
startup-sequence execution when required.
With ALockUtils communication between users is possible by using individual
mailbox files. However, these mailboxes are not protected from other users.
Anyone have access to everyones mailboxes.
Password- and mailbox file problems can be solved by using cryptographic
procedures, but I am not willing to carry out file encoding and decoding
qualities without users request.
```

1.49 History

```
                    ALockUtils Version 1.0

                           History
```

09.05.1996

```
  ALockUtils version 1.0. First release.
```

1.50 Comments

```
                         ALockUtils Version 1.0

                         Comments
```

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```

```
          COMMENTS

  28.04.96 Jon Peterson
```

Janne, great work supporting other authors with add-ons.

1.51 Future

ALockUtils Version 1.0

Future

```
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_ \_/ _
 \ (_) /
-=(_)=-
_/ (_) \_
```
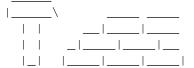
BUG OBSERVATIONS

09.05.96 Janne Peräaho
  Login command does not assign device "HOME:".

09.05.96 Janne Peräaho
  While executing Login command, ID and password are copied in the shell
  command-line buffer, where anyone can see them (cursor up).

```
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  | |       __|____|____
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  |_|    |____|____|____|
```

DEVELOPMENT PROPOSALS

09.05.96 Janne Peräaho
  Install script for ALock and ALockUtils.

09.05.96 Janne Peräaho
  GUIs for receiving and sending mails, adding, modifying, and deleting
  users