DayDream

Antti Häyrynen

	COLLABORATORS			
	TITLE : DayDream			
ACTION	*NAME*	*DATE*	*SIGNATURE*	
WRITTEN BY	Antti Häyrynen	February 12, 2023		

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

DayDream

1.1   DayDream BBS Documentation

                              DayDream BBS by Antti Häyrynen & Mattias Nilsson

        Amigaguide(tm) Documentation by Ville Alatalo & Mattias Nilsson

          Introduction & Features

          Requirements and Installation

          BBS Files

          Configuring BBS

          Included Utils & Doors

          ARexx

          Developing Doors & Utils

          How Does It Work

          Pulldown Menus

          FidoNet

          Other Things You Should Know
                                  DayDream FAQ
                  History

          Piracy Warning

1.2   DayDream BBS - Introduction

Introduction and Features

General information

Legal Info

Contacting Author

Registration

Features

The credits

Support & BBS's

Back To Main

1.3   DayDream BBS - Piracy Warning

WARNING!!

Some kind of nasty software pirates, which don't respect the work
of others, tried to fake keyfiles for DayDream.

I have recently recieved ATLEAST two types of faked KeyFiles, both
are and will always be a big risk for you as a user to use.

Software parasites using these faked keyfiles should be prepared for
unexpected things to happen.

Software piracy is a crime and usage is receiving stolen goods, and also
a way to kill further development of good software for the Amiga.

The evaluation version of this program is more than sufficient for the
purpose of testing the program before you buy it.

Always remember: A program worth using is a program worth buying.

THE FUTURE OF THIS PROGRAM IS IN YOU HANDS !

Thank You.
          /Mattias Nilsson – Author of DayDream BBS.

1.4   DayDream BBS - General Information

General information
~~~~~~~~~~~~~~~~~~~~
DayDream BBS was originally developed for the IBM PC and it was some kind

of a QuickBBS clone. It was programmed by Tuomas Tonteri. When the A1200
was released Tuomas sold his PC and bought an Amiga. He started to code a
new AmiExpress-lookalike BBS-program, but the name was the same,
DayDream BBS. At the beginning, DayDream evolved rather rapidly, but
after one year of programming Tuomas ran out of time and the studying and
his girlfriend took all his time, so he gave the sources etc to me. Soon
Tuomas changed back to the PC, but still DayDream is evolving at the full
speed.

DayDream is currently developed on Linux/i586. Linux (Unix) version will
be released before X-mas.

1.5 DayDream BBS - Legal Info

Legal Info
~~~~~~~~~~
I'm not responsible if DayDream causes any damage to your system. You use it
at your own risk.

If you find any bugs please inform me. Also, if you have MMU, try to find
enforcer hits and tell me where they (the hits) occur.

!NOTICE THIS!
If you use cracked version of DayDream BBS please register. DayDream BBS is a
result of years of hard work. I haven't spent my life coding protection, but
certain tricks can make the cracked version not to work properly. If you're
going to crack this, think twice because I'm not going to throw away this
project unless everybody use cracked version. And I'm not going to slow down
the progress of this BBS software!

reqtools.library is Copyright by Nico Francois.

DayDream uses MD5C.C by RSA Data Security, Inc. (MD5 message-digest algorithm)
Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

1.6 DayDream BBS - Contacting Author

Contacting Author
~~~~~~~~~~~~~~~~~~
Email Addresses: daydream@most-wanted.com
                or c-lous@freenet.hut.fi

My own BBS: Pure Climax - +46-31-990078 - 22-07.

Snail Mail:
Mattias Nilsson
Kimmersbo 1575
SE-437 93 Lindome

1.7   DayDream BBS - Registration

```
                  Registration
~~~~~~~~~~~~
DD is distributed as
                SHAREWARE
                  . It  means that you  can test  the software
before you buy it. After 30 days of using it, you should register it.
```

```
The  unregistered version  of  DayDream BBS  has  one annoying limitation.
Timelimit for every caller is 10 minutes. Also SetRemainingTime() door-
command is disabled.
```

```
Note that  removing this limitation  may enable some nasty boobytraps,  so
if you're about to use cracked version, your harddisk can be in danger :).
And I really mean it. There have been cracks and keyfilemakers that
have backdoors. If DD detects cracked keyfile, it won't react in any
visible way.
```

```
Registration  fee  is 300SEK or 55USD.  If possible, use SEK.  This is not
much,  because  I  spend  several  hours a day  developing  this software.
Compare the price to any other GOOD BBS Software, and you'll see that they
cost at least TWICE as much!
```

```
I suggest that you use cash, because it's the cheapest way to do it.
```

```
Send  the  registration  fee  with letter containing following information
about yourself:
```

```
 - Full name
 - Full Address
 - Possible phone number and information about your BBS.
 - E-Mail address (if any)
 - Name to put in the KeyFile.
```

```
Send them to this address:
```

```
 Mattias Nilsson
 Kimmersbo 1575
 SE-437 93 Lindome
 Sweden
```

```
If  you  want  to  receive the keyfile faster, I can send it via E-Mail in
uuencoded format. It's also possible to download the keyfile  from my BBS.
```

```
For Swedish sysops only:
Om du vill kan du sätta in pengar på mitt postgiro nummer också, men ring mig
då för att få numret. Mitt telenummer är detsamma som till min BBS.
```

1.8   DayDream BBS - Features

```
Features
~~~~~~~~
```

- DayDream BBS looks like AmiExpress, which is a much loved and hated
  BBS software. Most of the people who like AmiExpress like it because of
  it's simpliness and because it's very fast to use. However, AmiExpress
  requires a very fast CPU to operate smoothly and the configurability is
  rather poor too. DayDream fixes the major problems found in AmiX.

- 100% assembly code. DayDream is probably the fastest BBS-software
  ever.

- Number of conferences is limited to 64. Each conference can have up to
  254 messagebases and fileareas. 64*254 = 16256 (or for Pentium users
  16255.999999987.)

- Maximum security. Each user can have their own securitysettings, but
  defaults are taken by securitylevel. Every command in DayDream can be
  toggled on/off.

- Basic utilities and doors are included in distribution archive. For
  example: Faker, whof, new, top list -utilities, weektop etc.

- Configuration is done via an ascii file. This enables quick modifica-
  tions to the BBS' settings. Asciifile is converted to binaryformat
  with utility called DreamConfig. It takes about 0.5 secs to compile
  the datafiles with it.

- If you don't like editing Textfile, there's a MUI based configprogram
  included. (Read MUIConfig.DOC!)

- Superb upload handling. Full support for file_id.diz, gets date from
  file_id.diz (if wanted), built-in offline checking, adds file_id.diz
  to archives if it didn't exist etc.

- Strings and prompts can be re-defined, so you can customize your BBS
  any way you like.

- You can have 254 different displaymodes. Each displaymode can have
  it's own characterconversiontables (=no more linefeeds), prompts and
  strings and textfiles.

- Multinode support. Supports up to 254 nodes in theory. I suppose you
  can have at least 5 nodes on regular 030 without too high CPU-Load.

- Door formats supported: DayDream, ARexx, Paragon, stdio. AmiExpress
  preudo-rexx "XIM" doors work via external emulation.

- Supports XPR-Protocols, Hydra+SModem (Bidirectional w/ chat).

- Supports FTP-transfers. There's a custom ftpd for DD to have on-the-fly
  dupechecking.

- Cheap. DayDream costs only 300SEK or 55USD.

- Everything else except DDHydra and SModem can be made resident!

1.9 DayDream BBS - The Credits

```
The credits
~~~~~~~~~~~
Design, programming in 1993-1994, the most of the bugs, frame:
 - Tuomas Tonteri


Design, development, optimizing, programming in 1994 - 1996,
manual, utilities, included DDDP-Doors, ideas etc:
 - Antti Häyrynen (Hydra/Insane)


Current development, optimizing, programming in 1996 - 20??,
manual, some utilities, some included DDDP-Doors, ideas etc:
 - Mattias Nilsson (Origo/C-Lous^Subspace)


Reqtools.library:
 - Nico François


Whipping, Ideas, Stupid Ideas, Wonderful comments, great support etc. etc. :
  - CandyMan/Morque
 - Mathews/Intellect
 - Joo/ToyTools
 - Radavi/Effect
 - Shen_Long/DC
 - Janne Kiviluoto
 - Jari Ketola
 - Eddy Debbaut
 - Tuomas Aho
 - Antti Pyykko
 - Happyman
 - BigBang  (Keep that suggestion shower coming! ;)


A special thank you to Spot for the nice ANSI included in the distribution.

 (Hope I didn't forget anyone now! :)



Background music, keeping the programming mood on:
 -Alanis Morissette, Rolling Stones, The Beatles,
  Sonic Youth, REM, Rage Against the machine, Pearl Jam,
  Björk Gudmundsdottir,  Alannis Morisette etc..

Amiga Music provided by:
 -Dune/Orange, Blade/Subspace, Rob Hubbard, Some1&Morrow, Fudge/Subspace,
  SuperNao/TBL, Lizardking, Azazel/TBL etc...
```

1.10 DayDream BBS - Support

```
Support
~~~~~~~
DayDream is currently being developed at full speed and I intend to
continue as long as there is any interest in this program.

If you have any  comments, discover some  bugs or have any suggestions etc
```

feel free to send E-Mail to me at: c-lous@freenet.hut.fi.

Also try to catch Origo on IRC, channels #DayDream, #AmiElite or #AmigaScne.

You can get doors etc. via ftp:
ftp://pato.vaala.fi/pub/amiga/daydream/.

Also check out the DayDream homepage. http://www.haukipudas.fi/~anttihay .

```
DayDream BBS Support Boards
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Name                         Nodes    Speed         Number(s)        SysOp
==========================================================================
Humanoid Invasion              1      28800     +358-8-5409139       Hydra
The Chameleon                  5      33600     +358-8-5546450       Allah
                                               (/whois allah for telnet)
Pure Climax                    1      14400     +46(0)31990078 (22-07) Origo
==========================================================================
```

Experienced DD SysOps wanted for supporters! Mail Origo for more info.

1.11   DayDream BBS - Requirements

                                        Requirements and Installation

                  Software Requirements

                  Hardware Requirements

                  Installation

                  Directories

                  Executing DayDream

                  Back To Main

1.12   DayDream BBS - Software Requirements

```
Software Requirements
~~~~~~~~~~~~~~~~~~~~~~~
 - KickStart 2.04 (V37) or higher.
 - Fifo.library and l:fifo-handler running (for stdio doors etc.)
 - Reqtools.library
```


1.13   DayDream BBS - Hardware Requirements

```
Hardware Requirements
~~~~~~~~~~~~~~~~~~~~~~~
 - Memory: Server requires about 60kb and each node about 300kb of ram.
           If DayDream has been made resident, then each node requires abt.
           150 kb of ram.

 - Harddrive: Not required, but I suggest asylum if you are planning to run
              your BBS from floppies.
```

1.14   DayDream BBS - Installation

```
Installation
~~~~~~~~~~~~
   Just    use    the    supplied   installation-script   and   Commodore's
   installer-program to install DayDream.
```

```
Now  you should be able to test it.  Of course you cannot discover all the
features  with only 5 minutes  checking, so I suggest you  spend some time
testing this. It has lot of features never seen on Amiga BBS programs.
```

1.15   DayDream BBS - Directories

```
Directories
~~~~~~~~~~~
DayDream:Data/              - Includes all the  configuration  and datafiles
                               (like UserBase etc)

DayDream:Batch/             - Includes logoff-batch files.

DayDream:Utils/             - Includes DayDream BBS utilities.

DayDream:Temporary/         - Required for uploads.

DayDream:Display/           - Contains most of the textfiles that are showed
                               to the user when he's cruising in the BBS.

DayDream:Doors/             - Contains external  program modules,  commands,
                               games etc. that can be executed from the BBS.

DayDream:Hold/              - Private uploads  to  the SysOp  are  placed in
                               here.

DayDream:Logfiles/          - Contains your logfiles.
```

1.16   DayDream BBS - Executing DayDream

```
Executing DayDream
~~~~~~~~~~~~~~~~~~~
To  execute  DayDream  BBS, you must have the DayDream BBS Server running.
```

```
Server  handles  most of the dos routines and shares access between nodes.
To do this, simply type "Run Server" in the main directory.

Commandline parameters for the main executable (DayDream) are:

------------------------------------------------------------------------
DayDream n[node] (d[baud]) (lo/lc) (h) (c["connectstring"])

     n = node
     d = BPS rate for direct connection
     lo = Operator login
     lc = Local connection
     h = Use +++ hangupping instead of DTR hangup
     c = parse connectstring and make direct connection
     a = use 3-wire nullmodem cable


------------------------------------------------------------------------


Examples: run DayDream n1                        (Normal wait-for-call mode)
          run DayDream n1 lo                           (Local connection)
          run daydream n1 d19200 a
                      (Connect from remote terminal using nullmodem cable)
```

1.17   DayDream BBS - BBS Files

```
                                      BBS Files


               [Conference]/Data/

               [Conference]/Bulletins/

               [Conference]/Display/[Displaymode]/

               [Conference]/Messages/[BaseXXX]

               DayDream:Display/[DisplayMode]/

               DayDream:Display/

               DayDream:Data/

               Questionnaire/

               DayDream:Batch/

               Special Control Codes

               Back To Main
```

1.18   DayDream BBS - [Conference]/Data/

                         [Conference]/Data/
~~~~~~~~~~~~~~~~~~
This directory includes some conference-specific data, such as File
catalogs, list of free downloads, list of paths that are used to access
downloadable files etc.

Directory.XXX   - File-catalog of XXX - filearea.

Paths.DAT   - This file is used to define directories that are
                         used for searching files. First line=Area 1 etc.
                         Amount of lines can be unlimited. If there are more
                         lines in this file than filedirectories in the
                         conference, rest of the lines are extra dl-paths.

FreeDownloads.DAT   - Contains list of Free downloads. Wildcards allowed.
                         NOTE! Global freedownloads can be specified in
                         DayDream:Data/FreeDownloads.DAT.

Examine.DAT   - Contains list of doors to be launched in upload-
                         checking after user has verified that upload is ok.
                         It can be used for conf top utils, if someone codes
                         one.
                         Note that doors listed in here MUST be DDDP-doors.

             Developer Information
              about this is available.

                 Here's an example of Examine.DAT:

--cut-----------------
doors:conftop %N
doors:svenskatoppen %N
--cut-----------------

FileCheck.DAT   - Contains list of doors to be launched in upload-
                         checking before outputting user anything about the
                         file. It can be used for dupechecker or stuff like
                         that, though there's good dupechecker inside DD. It
                         can also be used to replace built-in uploadchecker
                         (Replacement must add bytes to user and write file
                         information to filelist and copy file to filebase.)
                         Note that doors listed here MUST be DDDP-doors.

             Developer Information
              about this is available.

                 Here's an example of FileCheck.DAT:

--cut-----------------
doors:rexx %N doors:rexxdir/showrules.dd
--cut-----------------

1.19   DayDream BBS - [Conference]/Bulletins/

```
[Conference]/Bulletins/
~~~~~~~~~~~~~~~~~~~~~~~~
```
This directory includes bulletins, such as top uploader list or otherwise
useful information. Add .GFX or .TXT suffix.

```
BulletinMenu          – List of available bulletins

Bulletin.X            – Should be selfexplaining.
```

1.20   DayDream BBS - [Conference]/Display/[Displaymode]/

```
[Conference]/Display/[Displaymode]/
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```
This directory contains the conference-specific textfiles displayed to the
user.   If   file   is   not   found,   it   is   searched   from
DayDream:Display/[Displaymode]/. Add .GFX or .TXT suffix.

```
Commands              – List of commands.

FileCatalogs          – List of file-areas in the current conference.

MessageBases          – List of messagebases in the current conference.

Upload                – Showed to the user before uploading. Useful if  you
                        want to show some upload-rules etc.

Download              – Showed to the user before downloading.

HydraTransfer         – Showed  to  the  user  before  bidirectional  Hydra-
                        transfer.

JoinConference        – Showed   to   the   user   when  he/she  joins  the
                        conference.

ConferencePW          – Showed   to   the   user   before asking conference
                        password.

AutoReJoin            – Showed to the user after JoinConference.TXT in login..

Prompt.txt            – Custom menoprompt for the conference w/ following
                        controlcodes.

Control code    Meaning
===========================================================================
    %%          Print %-char
    %A          Last read pointer
    %C          Conference name
    %E          Highest message
    %L          Message base number
    %M          Message base name
    %N          Conference number
    %T          Time left in minutes
```

```
    %B          Node number
    %S          BBS Name
```

1.21   [Conference]/Messages/[BaseXXX]

```
[Conference]/Messages/[BaseXXX]
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Contains messages and their headers.
```

MsgBase.DAT   - Headers of the messages in the current base.

MsgBase.LRP   - Autoscan and lastread pointers.

MsgXXXXX   - Standard messagefile.

1.22   DayDream BBS - DayDream:Display/[DisplayMode]/

```
DayDream:Display/[DisplayMode]/
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Contains  most  of  the  textfiles  that  are showed to the user when he's
cruising in the BBS.
```

AccountFrozen   - Shown when user whose account has been frozen
                        tries to login.

Banner   - Shown before the login prompt.

BeforeGoodBye   - Shown to the user when he/she enters G-command.

BiDirProtocols   - List of Bidirectional protocols

Commands   - List of available commands

Conferences   - List of available conferences

Download   - Shown to the user before download

EditUser   - Shown to the user when he/she's modifying account
                        info.

FileCatalogs   - Shown to the user when he/she's listing files.

GoodBye   - Logoff screen

LineChatOn   - Shown to the user when sysop enters chat mode.

LineChatOff   - Shown to the user when sysop exits chat mode.

LineEditorCommands   - List of available commands in message-editor.

MoreHelp   - Shown when user requests help in more-prompt.

```
MoveFiles            - Shown before asking files to move.

MsgReadCommands      - List of available commands when reading messages.

NewUser              - Displayed to the user when he/she decides to create
                       a new account. Useful for rules etc.

NewUserPassword      - Shown  to  the  user  if  he/she  decides  to  create
                       new  account  and  the  system  requires  a New User
                       Password.

PassWordFailure      - Displayed  to  the  user  if  he  fails  3  times  in
                       the password checking.

ProtocolMenu         - List of available protocols.

Reg_Realname         - Shown to the user  before asking  his/her real name
                       during the registration.

Reg_Handle           - Shown  to  the user  before  asking  his/her handle
                       during the registration.

Reg_Zip+City         - Shown  to  the  user before  asking  his/her Zipcode
                       during the registration.

Reg_VoiceNumber      - Shown  to  the  user  before asking  his/her  Voice
                       phone number during the registration.

Reg_PassWord         - Shown to  the user  before asking  his/her password
                       during the registration.

Reg_ComputerModel    - Shown to the user  before  asking his/her computer-
                       model during the registration.

Reg_ScreenLength     - Shown  to  the  user before  asking  his/her  Screen
                       length during the registration.

ScanDateHelp         - Shown  to the user when  he  requests  help  during
                       new file scan.

SplitChatOn          - Shown to the user when sysop enters chat mode.

SplitChatOff         - Shown to the user when sysop exits chat mode.

SystemPassword       - Shown  to  the  user  before  asking for the System
                       Password (if SystemPassword is enabled)

Upload               - Shown to the user before uploading.

UploadCommands       - Commandlist on prompt requesting save etc.

Welcome              - Displayed to the user after logon.

ZippySearch          - Showed  to  the  user  if he/she  didn't  enter  any
                       parameters for Z-command.


NOTE!  Some of these files can be different for every security level.  Eg.
```

Commands.255.GFX will be showed to the user if his/her access level is
255.

1.23   DayDream BBS - DayDream:Display/

```
DayDream:Display/
~~~~~~~~~~~~~~~~~
DisplayModeHelp.TXT  - List of available display modes.

Strings.XXX          - Contains nearly all strings and prompts in BBS.

BoardClosed.TXT      - If  exists,  DayDream  will display  this  and
                       disconnect the user before logon.

PermanentlyAway.TXT  - If  exists,  will  be  displayed  to  the user when
                       he/she requests chatting.  Useful if you are ie. on
                       vacation.
```

1.24   DayDream BBS - DayDream:Data/

```
DayDream:Data/
~~~~~~~~~~~~~~
This directory contains some binary files which are generated by
DreamConfig or DayDream itself. There's also some textfiles that can be
edited using Texteditor and they are:

TrashCan.DAT         - List of names that are not allowed in the system.
                       Wildcards allowed.

FreeDownloads.DAT    - List of free downloads (all conferences).
                       Wildcards allowed.

FrontEnds.DAT        - Contains list  of  doors to be launched before asking
                       displaymode from user.
                       Note that doors listed in here MUST be DDDP-doors.

                       If door uses changes displaymode using
                       intcommand "mode ??" or similar command, DD doesn't
                       ask for display mode.

LogOnDoors.DAT       - Contains list  of  doors to be launched after showing
                       Welcome.TXT. Useful if you want to force a door to be
                       run on startup. (One can abort welcome.txt with ^C.)
```

1.25   DayDream BBS - Questionnaire/

```
Questionnaire/
~~~~~~~~~~~~~~
New  user  questionnaire  is based on 2 files:  Registration.questions and
Registration.
```

If yhe Registration file exists, it will be displayed to every new user
that logs in (or to all users who have not answered the questionnaire, if
it's enabled in the DayDream.cfg file (QUESTIONS .. Y/N)).

The basic format of the Registration and Registration.Questions files are
as follows:

Each question is followed by ÿN (ASCII-code 255+N) where N is the number
of lines user is allowed to use to answer the question.
For example:

Please name atleast 3 presidents of the United States of America (3 lines)

ÿ3

The string "(3 lines)" is not needed for the questionnaire to work, but
it's nice to let the user know how many lines he can use.

Now let's suppose this was the first question in the questionnaire file.
So in the Registration.Questions file the first line could be like:

Presidents

User won't see this string, but it will be added in front of the answers
in the Registration.Answers file. If the user answered ie.:

Ronald Reagan
George Bush
Bill Clinton

The Registration.Answers would then show:

Answers by Real Name / Handle on 01.01.1995 at 18:00:00
==
Qst: President |
Ans: [Ronald Reagan   ]
   : [George Bush   ]
   : [Bill Clinton   ]
etc.

The procedure is the same for all the questions. Just make sure that you
have as many lines in the Registration.Questions file as you have
questions in the Registration file.

1.26 DayDream BBS - DayDream:Batch/

DayDream:Batch/
~~~~~~~~~~~~~~~~
This   directory   contains   batch   files.   You   must   protect +s them, so
DayDream can execute then. Currently supported files are:

LogoffX.bat   - This will be executed everytime user leaves a BBS.
                       Useful, if you want to have up-to-date top users

```
                    list etc in your board etc.
```

1.27 DayDream BBS - Special Control Codes

```
Special Control Codes
~~~~~~~~~~~~~~~~~~~~~~~
Textfiles can have special control codes, which will send out some
variable text or cause certain things to happen. These control codes
begin with asciicode 255 (ÿ). From DD 1.20 you are able to change the ctrl
code in config file. The is the list of the codes:

ÿP                             - Pause
ÿN                             - Any key to resume (Pause)
ÿR                             - Real name
ÿH                             - Handle
ÿO                             - Organization
ÿZ                             - Zip code and city
ÿV                             - Voice Phone
ÿA                             - Password (!!Use with care!!)
ÿS                             - Screen length
ÿT                             - Protocol ID
ÿU                             - Upload Signature
ÿC                             - Computer Model
ÿD<command>|[parameters]|      - Run a standard DDDP-door
ÿI                             - Current Date
ÿM                             - Current Time
ÿB<asciifile>|                 - Display ascii file
ÿL                             - Silent any key to resume
ÿQ                             - User Id Number
ÿX                             - Daily Time
ÿ9                             - First Date On
ÿW                             - Last Date On
ÿY                             - Online Baud
ÿ$                             - Security Level
ÿ0                             - Uploaded Bytes
ÿ1                             - Uploaded Files
ÿ2                             - Downloaded Bytes
ÿ3                             - Downloaded Files
ÿ4                             - Bytes Avail
ÿ5                             - Files Avail
ÿ6                             - Messages Posted
ÿ7                             - Times Called
ÿ8                             - Sysop Pages Remaining
ÿ!                             - Conf. name
ÿ£                             - Conf. number
ÿ%                             - BiDir protocol ID
ÿFxx.yyy                       - Forbid printing  xx: 01 = Conf access
                                                  yyy: Parameters
ÿExx.yyy                       - Permit printing  xx: 01 = Conf access
                                                  yyy: Parameters
ÿG                             - Turn more-prompts off
ÿJ<path>|<max value>|          - Shows random file. <Path> is a path and
                                 prefix of filename. Postfix for file is a
                                 number between 1 and <max value>. Eg.
```

```
                                    ÿJDayDream:display/iso/Showme|6|
                                    could show DayDream:display/iso/Showme3.
                                    GFX/TXT extension won't be added!
ÿK<command>|                   - Execute standard menu command.


Example on ÿD-code:


------------------------------------------
ÿDDayDream:Doors/Wall %N||
------------------------------------------
^ ^                     ^ ^^
| |                     | ||
| |                     | ``-> ..And between these two add
| |                     |      the parameters
| |                     `--> Pause after running
| `--> Full path to the door
`--> Run External Door
```

1.28   DayDream BBS - Configuring BBS

                              Configuring BBS

            General Information

            Main Configuration

            Conferences

            External Commands

            Access Presets

            Archivers

            File Transfer Protocols

            Display Modes

            Multinode Stuff

            I/O Devices

            Security Levels

            Schedule

            Server

            Back To Main

1.29   DayDream BBS - General Information

```
General information
~~~~~~~~~~~~~~~~~~~~~
Configuration  of DayDream BBS  is done  via external  configprogram,
DreamConfig.   It  compilies  specified ascii file to the datafiles,  that
can be found in DayDream:Data/-directory.  Be sure you have correct number
of  lines  in each entry, or the DreamConfig will fail.  Compiler is quite
fast, it takes only few seconds to compile all data-files.

The basic configfile is included in distribution archive, just look at the
examples to get the idea.

From DD 1.21, MUI-Based config program is included. Before using it first
time, you'll need to compile DayDream.CFG, then you won't need DreamConfig
anymore if you want to continue using MUI-Config.
```

1.30   DayDream BBS - Main Configuration

```
                4-2 - Main Configuration
~~~~~~~~~~~~~~~~~~~~~~~~~~
Main configuration in DayDream.CFG looks like this:

Note that MUI-Config widgets are not documented, but they are basicilly
the same as described below, so the stuff below is fairly useful even if
you are using MUI-Config.

!DAYDREAM.DAT

                BBSNAME......
                My BBS

                SYSOP........
                Me

                LOCALUPLDPATH
                Dh1:download/

                CHATDLPATH...
                dh1:download/

                OP_DMODE.....
                1

                SYSTEM_PW....
                -

                NEWUSER_PW...
                -

                USERED_PW....
                -

                FSCAN_BUFFER.
```

```
60

NEW_PRESET...
1

IDLE.........
180

AUTOCONF.....
1

FREEFORUL....
2000000

ASK_REASON...
Y

NAMEMODE.....
H

LOCATION.....
O

DISABLEWILDS.
N

QUESTIONS....
N

LOGDISA......
Y

QUICKLINEED..
N

ASKHANDLE1ST.
N

SYSOP_COL....
?[36m

USER_COL.....
?[35m

SHELL_PW.....
SODOM

ALIENS.......
DayDream:Aliens/

LINEEDCOM....
$

FSED.........
Doors:FSEd %N

CHATMODE.....
```

```
           S

           LOCALSCREEN..
           30

           FREEDLLINE...
           [-] FREE DOWNLOAD <><><><> FREE DOWNLOAD [-]

           OLMPATH......
           t:

           COSYSOPACCESS
           250

           CONTROLCHAR..
           255

           HOMEDIRS.....
           users:

           GROUPID......
           99

           1STUSERID....
           20000

           CHATCMD......
           Doors:fishchat %N

           COPYBUFFER...
           200000

           DEF_HIDECURSO
           N

           DEF_USECSI...
           N

           DEF_EXPERT...
           N

           DEF_MAILSCAN.
           Y

           DEF_NEWFILESC
           N

           DEF_ALLOWNODE
           Y

           DEF_CLSINLIST
           Y

           DEF_BGCHECK..
           Y
~
```

1.31   DayDream BBS - Main Configuration - BBSNAME

BBSNAME......

    The actual name of your BBS.

1.32   DayDream BBS - Main Configuration - SYSOP

SYSOP.......

    Your name/handle.

1.33   DayDream BBS - Main Configuration - LOCALUPLDPATH

LOCALUPLDPATH

    Default path used for sending ascii files while in chat mode,
    for local uploading etc..

1.34   DayDream BBS - Main Configuration - CHATDLPATH

CHATDLPATH...

    Path of directory where the files downloaded during a chat will be
    placed.

1.35   DayDream BBS - Main Configuration - OP_DMODE

OP_DMODE.....

    Display mode used to run "daydream n? lo" -connections in.

1.36   DayDream BBS - Main Configuration - SYSTEM_PW

SYSTEM_PW....

    System password (- for none).

1.37   DayDream BBS - Main Configuration - NEWUSER_PW

NEWUSER_PW...

>   New user password (- for none)

1.38   DayDream BBS - Main Configuration - USERED_PW

USERED_PW....

>   Password required to enter user editor. To enter usereditor, user
>   also requires the privilege flag of UserEditor to be set as On.

1.39   DayDream BBS - Main Configuration - FSCAN_BUFFER

FSCAN_BUFFER.

>   Size of buffer (kb) used by Zippy Search, File scan and New files
>   scan.

1.40   DayDream BBS - Main Configuration - NEW_PRESET

NEW_PRESET...

>   Access preset used for new users.

1.41   DayDream BBS - Main Configuration - IDLE

IDLE.........

>   Inactivity timeout in seconds. If nothing happens in the BBS for
>   this period of time, user will be disconnected.

1.42   DayDream BBS - Main Configuration - AUTOCONF

AUTOCONF.....

>   Conference to join, if user doesn't have access to the Conference
>   where he was on when logged off last time (=autojoin conference)

1.43   DayDream BBS - Main Configuration - FREEFORUL

FREEFORUL....

> Free space required for uploads in bytes. Suggested value about
> 2000000.

1.44   DayDream BBS - Main Configuration - ASK_REASON

ASK_REASON...

> Set wether or not user is asked for a reason when paging for a chat

1.45   DayDream BBS - Main Configuration - NAMEMODE

NAMEMODE.....

> If H, use handles in the BBS as default.
> If R, use real names in the BBS as default.

1.46   DayDream BBS - Main Configuration - LOCATION

LOCATION.....

> If L, use zip code as location.
> If O, use organization as location.

1.47   DayDream BBS - Main Configuration - DISABLEWILDS

DISABLEWILDS.

> Set wether or not wildcards can be used during login. Be careful
> with this, as a plain * can be used to list all the handles AND
> real names that are used in the board.

1.48   DayDream BBS - Main Configuration - QUESTIONS

QUESTIONS....

> Y/N switch. If this is Y, DayDream will run Questionnaire for the
> user if he hasn't answered it yet. (If userbase was converted from
> /X etc)

1.49   DayDream BBS - Main Configuration - LOGDISA

LOGDISA......

> Y/N switch. If this is Y, DayDream will not write logfile during
> a local operator login.

1.50   DayDream BBS - Main Configuration - QUICKLINEED

QUICKLINEED..

> Y/N switch. If this is Y, CR in empty line will enter command mode
> in line editor.

1.51   DayDream BBS - Main Configuration - ASKHANDLE1ST

> Y/N switch. If this is Y, Handle will be asked before real name when
> a user is about to create account.

1.52   DayDream BBS - Main Configuration - SYSOP_COL

SYSOP_COL....

> Ansicode that will be used for the sysop's colour in the chat mode.

1.53   DayDream BBS - Main Configuration - USER_COL

USER_COL.....

> Ansicode that will be used for the user's colour in the chat mode.

1.54   DayDream BBS - Main Configuration - SHELL_PW

SHELL_PW.....

> Password required for Remote shell operation (- for none)

1.55   DayDream BBS - Main Configuration - ALIENS

```
ALIENS.......
```

> Path to place files that are found in Temporary directory when it
> needs to be cleaned. There can be files eg. if system has crashed
> during uploading. If this is -, files in temporary directory will be
> deleted.

1.56 DayDream BBS - Main Configuration - LINEEDCOM

```
LINEEDCOM....
```

> Character that activates the command mode in line editor.

1.57 DayDream BBS - Main Configuration - FSED

```
FSED.........
```

> Command to be executed to start FullScreen Editor or - if you don't
> want to have FullScreen Editor.

1.58 DayDream BBS - Main Configuration - CHATMODE

```
CHATMODE.....
```

> L = Line chat, S = Split screen chat, A = Ask, D = Door

1.59 DayDream BBS - Main Configuration - LOCALSCREEN

```
LOCALSCREEN..
```

> The length of the local screen.

1.60 DayDream BBS - Main Configuration - FREEDLLINE

```
FREEDLLINE...
```

> Line to be added after free downloads or -.

1.61 DayDream BBS - Main Configuration - OLMPATH

```
OLMPATH......
```

> Path to store multiline OLM's (Introduced in DD 1.17). If this is -,
> old-fashioned OLM's will be used. (OLM=OnLine message)

1.62   DayDream BBS - Main Configuration - COSYSOPACCESS

COSYSOPACCESS

> Access level of Co-SysOp. Currently this is used only in userlist and
> this should be always lower than 255.

1.63   DayDream BBS - Main Configuration - CONTROLCHAR

CONTROLCHAR..

> Ascii code for control character in TXT files. Should be 255.

1.64   DayDream BBS - Main Configuration - CONTROLCHAR

CONTROLCHAR..

> Ascii code for control character in TXT files. Should be 255.

1.65   DayDream BBS - Main Configuration - HOMEDIRS

HOMEDIRS......

> Path for home directories for users. Use - if you haven't offered
> possiblity for FTP transfers.

1.66   DayDream BBS - Main Configuration - GROUPID

GROUPID

> GID for ftp users. SHOULD be 99 (usually guest).

1.67   Vittujoo

1STUSERID

> UID Number of first ftp user (UID=1STUSERID+User->user_account_id)

1.68 DayDream BBS - Main Configuration - CHATCMD

CHATCMD

>
> Command to run, if SysOp wants to use external chatter. Must be
> DDDP door. Don't forget %n. If you don't have an external chatter,
> use -.

1.69 DayDream BBS - Main Configuration - COPYBUFFER

COPYBUFFER

>
> Size of copybuffer in bytes.. Bigger buffer will copy the
> file faster, but will eat more memory too.

1.70 DayDream BBS - Main Configuration - DEF_HIDECURSO

DEF_HIDECURSO

> New user default:
> Hide cursor in text files (Y/N)

1.71 DayDream BBS - Main Configuration - DEF_USECSI

DEF_USECSI

> New user default:
> Use CSI codes instead of ANSI (Y/N)

1.72 DayDream BBS - Main Configuration - DEF_EXPERT

DEF_EXPERT

> New user default:
> Use expert mode (Y/N)

1.73 DayDream BBS - Main Configuration - DEF_MAILSCAN

DEF_MAILSCAN

> New user default:
> Mail scan at login (Y/N/A) (A=Ask)

1.74 DayDream BBS - Main Configuration - DEF_NEWFILESC

```
DEF_NEWFILESC
```

```
  New user default:
  New file scan at login (Y/N/A) (A=Ask)
```

1.75 DayDream BBS - Main Configuration - DEF_ALLOWNODE

```
DEF_ALLOWNODE
```

```
  New user default:
  Allow node messages (Y/N)
```

1.76 DayDream BBS - Main Configuration - DEF_CLSINLIST

```
DEF_CLSINLIST
```

```
  New user default:
  CLS's in filelist (Y/N)
```

1.77 DayDream BBS - Main Configuration - DEF_BGCHECK

```
DEF_BGCHECK
```

```
  New user default:
  Background file checker (Y/N)
```

1.78 DayDream BBS - Conferences

```
            Conferences
~~~~~~~~~~~

              CONF_NUMB.....
              1

              CONF_NAME.....
              Example Conference

              CONF_PATH.....
              DayDream:ExampleConf/

              CONF_FILEAREAS
              2

              CONF_UPLOADSTO
              2
```

```
CONF_MSGBASES.
2

CONF_COMMENTS.
1

CONF_ULPATH...
DayDream:ExampleConf/New/

CONF_NSAREAS..
A

CONF_DEFFSCAN.
N

CONF_FREELEECH
N

CONF_NOCREDS..
N

CONF_SENTBY...
Y

CONF_LONGNAMES
N

CONF_ASKDEST..
N

CONF_NOWILDS..
Y

CONF_NOWILDFLG
N

CONF_NODUPECHK
N

CONF_NOFILECHK
N

CONF_NOREQ....
N

CONF_PASSWORD.
_
```
+

The next line specifies what to do next. If it's +, then next block of
config file is for message base. If it's *, then next block of config
file is for a new conference and if it's ~, it's the end of the
Conferences.DAT.

```
BASE_NUMBER...
```

```
            1

            BASE_TYPE.....
            L

            BASE_LOWEST...
            -

            BASE_HIGHEST..
            -

            BASE_MAXMSGS..
            1000

            BASE_NAME.....
            Comments to SysOp

            BASE_FIDOTAG..
            -

            BASE_ORIGIN...
            -

            BASE_FIDOADD..
            -

            BASE_ALLOWPBLC
            N

            BASE_ALLOWPRIV
            Y

            BASE_FILEATTAC
            Y

            BASE_NAMES....
            R

            BASE_ALL=EALL.
            N

            BASE_QUOTE....
            L

            BASE_DEFGRAB..
            Y
~
```

```
The  next  line specifies what to do next.  If it's +, then the next block
of  config  file  is  for message base.  If it's *, then the next block of
config file is for  new conference  and if  it's  ~,  it's  the end of the
Conferences.DAT.
```

1.79   DayDream BBS - Conferences - CONF_NUMB

CONF_NUMB.....

> Conference Number. Allowed values are 1-64.

1.80   DayDream BBS - Conferences - CONF_NAME

CONF_NAME.....

> Name of the conference.

1.81   DayDream BBS - Conferences - CONF_PATH

CONF_PATH.....

> Path of the conference. End with / or :

1.82   DayDream BBS - Conferences - CONF_FILEAREAS

CONF_FILEAREAS

> Number of fileareas in conference. Allowed values 0-255.

1.83   DayDream BBS - Conferences - CONF_UPLOADSTO

CONF_UPLOADSTO

> Number of area to place uploads in.

1.84   DayDream BBS - Conferences - CONF_MSGBASES

CONF_MSGBASES.

> Number of message bases. MUST be the same value as number of defined
> message bases or DD will piss.

1.85   DayDream BBS - Conferences - CONF_COMMENTS

CONF_COMMENTS.

> Number of message base to place comments in. If 0, comments won't be
> accepted in the conference.

1.86   DayDream BBS - Conferences - CONF_ULPATH

CONF_ULPATH...

     Path of the directory where uploads are moved after transfer. End
     with : or /.

1.87   DayDream BBS - Conferences - CONF_NSAREAS

CONF_NSAREAS..

     Arealist for global new file scan. Area list uses the same routine
     as N S [....]-menu command. [....] will be placed with this.

1.88   DayDream BBS - Conferences - CONF_DEFFSCAN

CONF_DEFFSCAN.

     If you want this conference to be turned on as default for the
     global file scan, use Y. If not, then N.

1.89   DayDream BBS - Conferences - CONF_FREELEECH

CONF_FREELEECH

     If you want that all file in the conference are free downloads, set
     this as Y.

1.90   DayDream BBS - Conferences - CONF_NOCREDS

CONF_NOCREDS..

     If you want that users won't get credits from the files they upload,
     set this as Y.

1.91   DayDream BBS - Conferences - CONF_SENTBY

CONF_SENTBY...

     If you want that sent-by lines are in use, set this as Y.

1.92   DayDream BBS - Conferences - CONF_LONGNAMES

CONF_LONGNAMES

> Selects filelist format for this conference. If this is Y, 18
> characters long filenames are used. If this is N, MS-Dos filenames
> are used.
>
> If you want to convert 12 chars filelist to 18 chars filelist,
> use included DayDream:Utils/oldlist2newlist to do it.
>
> The lists look like this:

```
-------------------------------------------------------] 12 CHARS [---------
ACSDD110.LZX P---  273942 14.05.95    _____
                                      \ ____    /     /    / ____  ____/ _____/
                                    .--\/__/  /  /__/  /__/   _____   \___   \/-.
                                    |   /  \   /  /  /  /  /   :   \   \  \  \   \ |
                                    | /__/__/_____/_____/_____\|
                                    | \   \   \      \       \         /     /   M@!/|
                                    '--_____/_____/_____/-'
                                         DayDream BBS V1.10 (14 May 95)
                                     The fastest Amiga BBS Package supporting
                                     WWF, BlueWave, Hydra, XPR, ARexx, stdio,
                                    Offline Checking, File_id.diz, FidoNet etc.
                                       The Main executable is 100% ASM!
-----------------------------------------------------------------------------

-------------------------------------------------------] 18 CHARS [---------
DayDreamBBS110.lha P-  313k 140595    _____
                                      \ ____    /     /    / ____  ____/ _____/
                                    .--\/__/  /  /__/  /__/   _____   \___   \/-.
                                    |   /  \   /  /  /  /  /   :   \   \  \  \   \ |
                                    | /__/__/_____/_____/_____\|
                                    | \   \   \      \       \         /     /   M@!/|
                                    '--_____/_____/_____/-'
                                         DayDream BBS V1.10 (14 May 95)
                                     The fastest Amiga BBS Package supporting
                                     WWF, BlueWave, Hydra, XPR, ARexx, stdio,
                                    Offline Checking, File_id.diz, FidoNet etc.
                                       The Main executable is 100% ASM!
-----------------------------------------------------------------------------
```

1.93   DayDream BBS - Conferences - CONF_ASKDEST

CONF_ASKDEST..

> If you want that user will be asked for filearea for his/her upload
> instead of placing it in upload directory, set this as Y.

1.94   DayDream BBS - Conferences - CONF_NOWILDS

CONF_NOWILDS..

> If you don't want filenames to contain wildcards, set this to Y.

1.95   DayDream BBS - Conferences - CONF_NOWILDFLG

CONF_NOWILDFLG

> To disable wildcard support for file flagging, set this to Y.
> Flagging with wildcards is pretty slow in CD-Rom conferences.

1.96   DayDream BBS - Conferences - CONF_NODUPECHK

CONF_NODUPECHK

> If you want to disable dupechecking in this conference, set this
> to Y.

1.97   DayDream BBS - Conferences - CONF_NOFILECHK

CONF_NOFILECHK

> If you want to disable filechecking in the conference, set this
> to Y. Useful for eg. private conferences.

1.98   DayDream BBS - Conference - CONF_NOREQ

> If you want to disable filerequesters (NOT A DOS DISK IN DRIVE CD0:)
> in the conf, set this to Y. Useful if you listen audio-cd's with your
> CD-Rom.

1.99   DayDream BBS - Conferences - CONF_PASSWORD

CONF_PASSWORD. -

> Password required for the conference or -.

1.100   DayDream BBS - Conferences - BASE_NUMBER

BASE_NUMBER...

> Number of the message base. Allowed values are 1-254.

1.101   DayDream BBS - Conferences - BASE_TYPE

BASE_TYPE.....

>   Message base type.   L = Local, E = FidoNet Echomail, N = Fidonet
>   netmail.

1.102   DayDream BBS - Conferences - BASE_LOWEST

BASE_LOWEST...

>   Number of the lowest message. If -, value will be taken from
>   existing Conferences.DAT. This should always be -. If you have blown
>   your message bases up, just use included fixbases-program.

1.103   DayDream BBS - Conferences - BASE_HIGHEST

BASE_HIGHEST..

>   Number of the highest message. If -, value will be taken from
>   existing Conferences.DAT. This should always be -. If you have blown
>   your message bases up, just use included fixbases-program.

1.104   DayDream BBS - Conferences - BASE_MAXMSGS

BASE_MAXMSGS..

>   Maximum   number of messages allowed in this base. Not yet
>   supported, but I'll write a maintenance tool soon which autodeletes
>   these etc.

1.105   DayDream BBS - Conferences - BASE_NAME

BASE_NAME.....

>   Name of the message base.

1.106   DayDream BBS - Conferences - BASE_FIDOTAG

BASE_FIDOTAG..

>   FidoNet tag for the message base. Case sensitive. Use - if none.

1.107   DayDream BBS - Conferences - BASE_ORIGIN

BASE_ORIGIN...

      FidoNet origin for the message base. Use - if none.

1.108   DayDream BBS - Conferences - BASE_FIDOADD

BASE_FIDOADD..

      4d FidoNet address. Use - if none.

1.109   DayDream BBS - Conferences - BASE_ALLOWPBLC

BASE_ALLOWPBLC

      If this is Y, users can write public messages to this base. If N,
      they can't.

1.110   DayDream BBS - Conferences - BASE_ALLOWPRIV

BASE_ALLOWPRIV

      If this is Y, users can write private message to this base. If N,
      they can't.

1.111   DayDream BBS - Conferences - BASE_FILEATTAC

BASE_FILEATTAC

      If this is Y, users can attach files to the messages they send.

1.112   DayDream BBS - Conferences - BASE_NAMES

BASE_NAMES....

      If this is R, real names will be used in this base. If this is H,
      handles will be used.

1.113   DayDream BBS - Conferences - BASE_ALL=EALL

BASE_ALL=EALL.

> If you want that users all regular messages to all users will
> be exclusive all messages (will be shown in mailscan) set this
> as Y.

1.114   DayDream BBS - Conferences - BASE_QUOTE

BASE_QUOTE....

> Quoting method.   If L, /X-like quoteline will be inserted after
> quote.   If this is >, plain > will be inserted before each line of
> the quote.   If this is I, initials of the original message author
> and ">" will be inserted before quote. EG. "AH> DayDream KiX a$$!"

1.115   DayDream BBS - Conferences - BASE_DEFGRAB

BASE_DEFGRAB..

> Y/N switch. Use Y, if you want this messagebase to be turned on
> as default for new mail scan and message grabbing.

1.116   DayDream BBS - External Commands

```
                External Commands
~~~~~~~~~~~~~~~~~~
DayDream  supports  5 kinds of doors.  They are DosScript (not so useful),
DDDP  (DayDream  DoorProtocol, like XIM in AmiX), stdio-doors, ARexx-doors
and  textfiles.  ARexx  interface  is  external,  program  called rexx in
Doors/-directory converts ARexx<->DDDP.

Paragon-door support is not ready yet.

To  use  any DayDream-door  you will need ENV:-variable called DreamUtils.
Doors  and  utils  should  look  for  their configfiles from path which is
placed  in  that  ENV:-variable.  This provides possiblity for you to have
configfiles placed where ever you want.  Example configfiles are placed in
DayDream:Configs/  so  type  "setenv  DreamUtils DayDream:Configs/" to get
doors  and  utils  working.  Stdio-doors/dos  programs  support following
parameters:

%N - Node
%R - Real name
%H - Handle
%S - Screenlength
%D - Device
%U - Unit
```

```
%B - Bps rate of the current connection
%L - Locked baud rate
%A - Access level
%T - Time left in minutes

DDDP and Paragon Doors only support these parameters:

%N - Node
%R - Real name
%H - Handle

More will be added if you request something.


Example configuration of an external command :

!EXTERNALCOMMANDS.DAT

                DOOR_COMMAND..
                WALL

                DOOR_TYPE.....
                1

                DOOR_SECURITY.
                5

                DOOR_EXECUTE..
                DayDream:Doors/Wall %N

                DOOR_CONFS1...
                XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

                DOOR_CONFS2...
                XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
+
```

  The next line specifies what to do next. If it's +, then there's another
  door to compile. If it's ~, it's the end of the ExternalCommands.DAT.

1.117   DayDream BBS - External Commands - DOOR_COMMAND

DOOR_COMMAND..

      Command at main prompt to launch this door.

1.118   DayDream BBS - External Commands - DOOR_TYPE

DOOR_TYPE.....

      Door type. 0 = Dos program without any kind of output or input to

the serial or console.

    1 = DDDP door (DayDream Door Protocol). DDDP is very
        flexible method for programming doors. Specifications
        of DDDP are included in Developer/-directory.

    2 = Paragon door. Tuomas wrote this, but it's not
        finished yet. I don't have specifications for Paragon
        doors, so I've been unable to finish writing this
        ready, sorry.

    3 = Stdio door. Uses Matthew Dillon's fifo.library and
        fifo-handler. Standard dos programs which won't open
        screen or window will work.

    4 = Text file. Specified text file from current display
        directory will be shown to the user. Useful for
        doormenus etc.

    5 = Internal command. Allows you to change commands of
        the main menu.

1.119 DayDream BBS - External Commands - DOOR_SECURITY

DOOR_SECURITY.

    Security level required to run this door.

1.120 DayDream BBS - External Commands - DOOR_EXECUTE

DOOR_EXECUTE..

    Command or filename to run the door. %N required for all DDDP doors.
    - to disable command (if doortype = 5).

1.121 DayDream BBS - External Commands - DOORS_CONFS1

DOOR_CONFS1..

    Flags for conferences 1-32. If X, door is available in conf, if -
    then it's not.

1.122 DayDream BBS - External Commands - DOORS_CONFS2

DOOR_CONFS2..

    Flags for conferences 32-64. If X, door is available in conf, if -
    then it's not.

1.123   DayDream BBS - Access Presets

```
              Access Presets
~~~~~~~~~~~~~~

                PRESET_SEC....
                5

                PRESET_NUMBER.
                1

                PRESET_FFILES.
                0

                PRESET_FBYTES.
                0

                PRESET_DESC...
                New User

                PRESET_STATUS.
                3
+
```

The next line specifies what to do next. If it's +, then there's preset
to compile. If it's ~, it's the end of the Access.DAT.

1.124   DayDream BBS - Access Presets - PRESET_SEC

```
PRESET_SEC....
```

  Security level of this preset.

1.125   DayDream BBS - Access Presets - PRESET_NUMBER

```
PRESET_NUMBER.
```

  Number of preset.

1.126   DayDream BBS - Access Presets - PRESET_FFILES

```
PRESET_FFILES.
```

  Free files.

1.127   DayDream BBS - Access Presets - PRESET_FBYTES

PRESET_FBYTES.

      Free bytes. (In KB!!!)

1.128   DayDream BBS - Access Presets - PRESET_DESC

PRESET_DESC...

      Description of the preset.

1.129   DayDream BBS - Access Presets - PRESET_STATUS

PRESET_STATUS.

      Status of the preset. 0 = Active, 1 = Deleted, 2 = Frozen, 3 = New

1.130   DayDream BBS - Archivers

              Archivers
~~~~~~~~~
!ARCHIVERS.DAT

              ARC_TYPE......
              F

              ARC_EXTENSION.
              LHA

              ARC_NAME......
              LHA

              ARC_TEST......
              dh1:utils/lha -m -M T %A

              ARC_FAIL1.....
              Failed

              ARC_FAIL2.....
              -

              ARC_FAIL3.....
              -

              ARC_FIDEXTRACT
              dh1:utils/lha -m -M E %A %F

              ARC_FIDADD....

```
                    dh1:utils/lha -m -M A %A %F

                    ARC_VIEW......
                    dh1:utils/lha L %A %F

                    ARC_OFFLINE...
                    Y

                    ARC_GETDATE...
                    Y

                    ARC_DELETECOR.
                    Y

                    ARC_DISPLAY...
                    Y

                    ARC_SECVIEW...
                    200
+
```

The next line specifies what to do next. If it's +, then there's archiver
to compile. If it's ~, it's the end of the Archivers.DAT.

1.131   DayDream BBS - Archivers - ARC_TYPE

ARC_TYPE......

      Archiver type. F = File archiver, D = Disk archiver.

1.132   DayDream BBS - Archivers - ARC_EXTENSION

ARC_EXTENSION.

      Extension of the archive.

1.133   DayDream BBS - Archivers - ARC_NAME

ARC_NAME......

      Archiver name.

1.134   DayDream BBS - Archivers - ARC_TEST

ARC_TEST......

      Test command of the archiver (- for none)

1.135   DayDream BBS - Archivers - ARC_FAIL1

```
ARC_FAIL1.....
```

> Keyword if archive is corrupted (- for none). Case-sensitive.

1.136   DayDream BBS - Archivers - ARC_FAIL2

```
ARC_FAIL2.....
```

> Keyword if archive is corrupted (- for none). Case-sensitive.

1.137   DayDream BBS - Archivers - ARC_FAIL3

```
ARC_FAIL3.....
```

> Keyword if archive is corrupted (- for none). Case-sensitive.

1.138   DayDream BBS - Archivers - ARC_FIDEXTRACT

```
ARC_FIDEXTRACT
```

> File_id.diz extract command (- for none)

1.139   DayDream BBS - Archivers - ARC_VIEW

```
ARC_VIEW
```

> Archive view command (- for none)

1.140   DayDream BBS - Archivers - ARC_FIDADD

```
ARC_FIDADD....
```

> File_id.diz add command (- for none)

1.141   DayDream BBS - Archivers - ARC_OFFLINE

```
ARC_OFFLINE...
```

> Use offline checking to check the files. (Y/N)

1.142   DayDream BBS - Archivers - ARC_GETDATE

ARC_GETDATE...

        Get date from file_id.diz and insert it to the filedescription.
        Note that using this isn't wise for textfiles. (Y/N)

1.143   DayDream BBS - Archivers - ARC_DELETECOR

ARC_DELETECOR.

        Delete file if it is corrupt. (Y/N)

1.144   DayDream BBS - Archivers - ARC_DISPLAY

ARC_DISPLAY...

        Display testing output the the user. (Y/N). Requires FIFO:.

1.145   DayDream BBS - Archivers - ARC_SECVIEW

ARC_SECVIEW...

        Minimum security level to view file.

1.146   DayDream BBS - File Transfer Protocols

                File transfer protocols
~~~~~~~~~~~~~~~~~~~~~~~~~
DayDream   uses external xpr-protocols for transfering files. Hydra
protocol routines and configurations are hard coded, so you don't need to
care about Hydra.

!PROTOCOLS.DAT

                XPR_ID........
                Z

                XPR_NAME......
                Z-Modem

                XPR_EFFICIENCY
                97

                XPR_LIB.......
                xprzmodem.library

```
                    XPR_INIT......
                    TN,OR,B10,DN,KY,SN,RN

                    XPR_TYPE......
                    X
~
```

The next line specifies what to do next. If it's +, then there's protocol
to compile. If it's ~, it's the end of the Protocols.DAT.

1.147   DayDream BBS - File Transfer Protocols - XPR_ID

XPR_ID........

     Protocol ID for Alter userdata menu.

1.148   DayDream BBS - File Transfer Protocols - XPR_NAME

XPR_NAME......

     Protocol name.

1.149   DayDream BBS - File Transfer Protocols - XPR_EFFICIENCY

XPR_EFFICIENCY

     Protocol efficiency in percents.

1.150   DayDream BBS - File Transfer Protocols - XPR_LIB

XPR_LIB.......

     XPR-library name. (Or -)

1.151   DayDream BBS - File Transfer Protocols - XPR_INIT

XPR_INIT......

     XPR init string. Refer to library's doc for more info.

1.152 DayDream BBS - File Transfer Protocols - XPR_TYPE

XPR_TYPE......

     Protocol type. X = XPR, S = Smodem, H = Hydra, F = FTP.

1.153 DayDream BBS - Display Modes

```
            Display Modes
~~~~~~~~~~~~~
!DISPLAY.DAT

                DPL_ID........
                1

                DPL_PATH......
                Iso/

                DPL_ANSI......
                Y

                DPL_INCONV....
                N

                DPL_OUTCONV...
                N

                DPL_FILESCONV.
                N

                DPL_STRIPANSI.
                N

                DPL_TRYTXT....
                N

                DPL_16COL.....
                N

                DPL_NEWCON....
                N

                DPL_TABLE.....
                0

                DPL_TABLE.....
                0

                DPL_FONT......
                topaz.font

                DPL_SIZE......
                8
```

```
            DPL_STRINGS...
            1
~
```

The next line specifies what to do next. If it's +, then there's displaymode to compile. If it's ~, it's the end of the DisplayModes.DAT.

1.154   DayDream BBS - Display Modes - DPL_ID

DPL_ID........

    Display mode number.

1.155   DayDream BBS - Display Modes - DPL_PATH

DPL_PATH......

    Path used by display mode to find menus and text files. If this is
    "Iso/",   text   stuff   is   searched   from
    DayDream:Display/Iso/-directory.

1.156   DayDream BBS - Display Modes - DPL_ANSI

DPL_ANSI......

    If this is Y, ansi colors are enabled. If this is N, only 2 colors
    are used.

1.157   DayDream BBS - Display Modes - DPL_INCONV

DPL_INCONV....

    Activate incoming conversion. If this is Y, incoming characters
    will be converted.

1.158   DayDream BBS - Display Modes - DPL_OUTCONV

DPL_OUTCONV...

    Activate outgoing conversion. If this is Y, outgoing characters
    will be converted.

1.159   DayDream BBS - Display Modes - DPL_FILESCONV

DPL_FILESCONV.

    Activate textfile conversion. If this is Y, outgoing textfiles
    will be converted.

1.160   DayDream BBS - Display Modes - DPL_STRIPANSI

DPL_STRIPANSI.

    Strip ansicodes from textfiles.

1.161   DayDream BBS - Display Modes - DPL_TRYTXT

DPL_TRYTXT....

    If GFX file doesn't found, try TXT.

1.162   DayDream BBS - Display Modes - DPL_16COL

DPL_16COL.....

     Use 16 colors on local console. NEWCON *MUST* be enabled too.

1.163   DayDream BBS - Display Modes - DPL_NEWCON

DPL_NEWCON....

    Use kalacon.device for output. Kalacon is a console.device
    replacement. It supports 16 colors (EGA emulation) and
    red/white work 100%. However, it misses some console.device
    features.

1.164   DayDream BBS - Display Modes - DPL_TABLE1

DPL_TABLE1....

    ID of ConversionTableXX.DAT used for incoming conversion.

1.165   DayDream BBS - Display Modes - DPL_TABLE2

```
DPL_TABLE2....
```

> ID of ConversionTableXX.DAT used for outgoing conversion.

1.166   DayDream BBS - Display Modes - DPL_FONT

```
DPL_FONT......
```

> Local font when user is using this displaymode.

1.167   DayDream BBS - Display Modes - DPL_SIZE

```
DPL_SIZE......
```

> Size of font when user is using this displaymode.

1.168   DayDream BBS - Display Modes - DPL_STRINGS

```
DPL_STRINGS...
```

> Number of strings to use.

1.169   DayDream BBS - Multinode Stuff

```
          Multinode stuff
~~~~~~~~~~~~~~~~

              MNODE_NODE....
              1

              MNODE_IODEV...
              1

              MNODE_MBAUD...
              1200

              MNODE_MNBAUD..
              1200

              MNODE_FONT....
              topaz.font

              MNODE_FSIZE...
              8
```

```
MNODE_STYPE...
1

MNODE_SHANGHAI
N

MNODE_DEFPTOF.
N

MNODE_AUTOFRNT
Y

MNODE_AUTOOPEN
Y

MNODE_FIXRED..
N

MNODE_OWNDIR..
N

MNODE_TELNET..
N

MNODE_16COL...
N

MNODE_NOTIFY..
Y

MNODE_HIDEINAC
N

MNODE_HIDEWAIT
N

MNODE_HIDECALL
N

MNODE_NOPASSWD
N

MNODE_NEWCON..
N

MNODE_COMMAND.
run daydream n1 <>NIL:

MNODE_PRIORITY
2

MNODE_TEMPDIR.
DayDream:Temporary/Node1/

MNODE_PENS....
141146105414
```
+

The next line specifies what to do next. If it's +, then there's more
nodes to compile. If it's ~, it's the end of the Multinode.DAT.

1.170   DayDream BBS - Multinode Stuff - MNODE_NODE

MNODE_NODE....

      Node number of this node. DO NOT USE 0!

1.171   DayDream BBS - Multinode Stuff - MNODE_IODEV

MNODE_IODEV...

      Number of IO-Device to use.

1.172   DayDream BBS - Multinode Stuff - MNODE_MBAUD

MNODE_MBAUD...

      Minimum baud to allow logon.

1.173   DayDream BBS - Multinode Stuff - MNODE_MNBAUD

MNODE_MNBAUD..

      Minimum baud to allow new users to logon.

1.174   DayDream BBS - Multinode Stuff - MNODE_FONT

MNODE_FONT....

      Font to use for this node.

1.175   DayDream BBS - Multinode Stuff - MNODE_FSIZE

MNODE_FSIZE...

      Font size for this node.

1.176   DayDream BBS - Multinode Stuff - MNODE_STYPE

MNODE_STYPE...

> Screen type for this node. 0 = Custom screen, 1 = Public Screen.
> If you want that Hydra will open it's windows to the DayDream
> screen, you had better use public screen.

1.177   DayDream BBS - Multinode Stuff - MNODE_SHANGHAI

MNODE_SHANGHAI

> Shanghai windows.

1.178   DayDream BBS - Multinode Stuff - MNODE_DEFPTOF

MNODE_DEFPTOF.

> Default public screen to front when visitor.

1.179   DayDream BBS - Multinode Stuff - MNODE_AUTOFRNT

MNODE_AUTOFRNT

> Screen to front when connected.

1.180   DayDream BBS - Multinode Stuff - MNODE_AUTOOPEN

MNODE_AUTOOPEN

> Open screen when node starts (Not yet available, screen will be
> opened always)

1.181   DayDream BBS - Multinode Stuff - MNODE_FIXRED

MNODE_FIXRED

> Fix red/white "distortion". Ansicode 37m should display white and
> it does, if this is turned on. This is a little "bug" in Amiga's
> console.device and if you use this option, console output will be a
> bit slower. I advice you to turn this on only on local nodes.
> NOTE! Requires V39 OS.

1.182   DayDream BBS - Multinode Stuff - MNODE_OWNDIR

MNODE_OWNDIR..

> Get Display stuff from DayDream:Node[number]/Display/ instead of
> DayDream:Display/.

1.183   DayDream BBS - Multinode - MNODE_16COL

MNODE_16COL.....

> Use 16 colors on local console. NEWCON *MUST* be enabled too.

1.184   DayDream BBS - Multinode Stuff - MNODE_TELNET

MNODE_TELNET..

> If this is Y, DD expects that the node is TELNET node. BPS rate
> will be same as DTE and WHO shows that node is TELNET node.

1.185   DayDream BBS - Multinode Stuff - MNODE_NOTIFY

MNODE_NOTIFY..

> If this is Y, other nodes will be informed on logins/logouts.

1.186   DayDream BBS - Multinode Stuff - MNODE_HIDEINAC

> If this is Y, node will be hidden when inactive.

1.187   DayDream BBS - Multinode Stuff - MNODE_HIDEWAIT

> If this is Y, node will be hidden when waiting for call.

1.188   DayDream BBS - Multinode Stuff - MNODE_HIDECALL

> If this is Y, node will be hidden when there's caller online.

1.189   DayDream BBS - Multinode Stuff - MNODE_NOPASSWD

> If this is Y, node will skip System/User passwords.

1.190 DayDream BBS - Multinode - MNODE_NEWCON

MNODE_NEWCON..

> Use kalacon.device for output. Kalacon is a console.device
> replacement. It supports 16 colors (EGA emulation) and
> red/white work 100%. However, it misses some console.device
> features.

1.191 DayDream BBS - Multinode Stuff - MNODE_COMMAND

MNODE_COMMAND.

> Command to run when node is inactive and clicked from server.

1.192 DayDream BBS - Multinode Stuff - MNODE_PRIORITY

MNODE_PRIORITY

> Priority for node.

1.193 DayDream BBS - Multinode Stuff - MNODE_TEMPDIR

MNODE_TEMPDIR.

> Path to place uploads while they are being received to the system.

1.194 DayDream BBS - Multinode Stuff - MNODE_PENS

MNODE_PENS....

> This allows you to edit screen pens. You can adjust the pen that
> is used to draw borders etc in local DD screen.
>
> Colors are like this:
>
>   0 = BLACK
>   1 = WHITE (RED if FIXRED is on)
>   2 = GREEN
>   3 = YELLOW
>   4 = BLUE
>   5 = MAGENTA
>   6 = CYAN
>   7 = RED (WHITE if FIXRED is on)
>
> Screen looks very good if fixred is off and pens are
> 141146105414 or if fixred is on and pens are 747746705474.

        Try some combinations to get the idea :)

1.195   DayDream BBS - I/O Devices

              I/O Devices
~~~~~~~~~~~
!IO-DEVICES.DAT

              IO_NUMBER.....
              1

              IO_UNIT.......
              0

              IO_BAUD.......
              38400

              IO_DEVICE.....
              serial.device

              IO_PREINIT....
              |ATZ|

              IO_OFFHOOK....
              AT &D0 M0 H1|

              IO_ANSWER.....
              ATA|

              IO_INIT.......
              AT M0 L0W2%C3\A3\N3\L1|

              IO_AFTERCALL..
              AT&D2 ATH0|

              IO_OK.........
              OK

              IO_RING.......
              RING

              IO_NOCARRIER..
              NO CARRIER

              IO_CONNECT....
              CONNECT

              IO_SPEED1.....
              HST,14400

              IO_SPEED2.....
              -

              IO_SPEED3.....

```
                        _

                        IO_SPEED4.....
                        _

                        IO_SPEED5.....
                        _

                        IO_SPEED6.....
                        _

                        IO_SPEED7.....
                        _

                        IO_SPEED8.....
                        _

                        IO_SPEED9.....
                        _

                        IO_SPEED10....
                        _

                        IO_ERRORCORR..
                        ARQ

                        IO_DELAY1.....
                        1

                        IO_DELAY2.....
                        2

                        IO_MODE.......
                        S
~
```

The next line specifies what to do next. If it's +, then there's more
IO-Devices to compile. If it's ~, it's the end of the IO-Devices.

1.196   DayDream BBS - I/O Devices - IO_NUMBER

IO_NUMBER.....

      Number of I/O Device.

1.197   DayDream BBS - I/O Devices - IO_UNIT

IO_UNIT.......

      Unit number.

1.198   DayDream BBS - I/O Devices - IO_BAUD

```
IO_BAUD.......
```

> DTE Rate.

1.199   DayDream BBS - I/O Devices - IO_DEVICE

```
IO_DEVICE.....
```

> Device-name to use.

1.200   DayDream BBS - I/O Devices - IO_PREINIT

```
IO_PREINIT....
```

> Pre-init string. Will be sent before init string.

1.201   DayDream BBS - I/O Devices - IO_OFFHOOK

```
IO_OFFHOOK....
```

> Off-hook string. ATH1| for example.

1.202   DayDream BBS - I/O Devices - IO_ANSWER

```
IO_ANSWER.....
```

> Answer string when modem receives RING.

1.203   DayDream BBS - I/O Devices - IO_INIT

```
IO_INIT.......
```

> Initialization string.

1.204   DayDream BBS - I/O Devices - IO_AFTERCALL

```
IO_AFTERCALL..
```

> String to send to the modem after call. You MUST have a command that
> takes modem back onhook in this string (Eg. ATH0|).

1.205   DayDream BBS - I/O Devices - IO_OK

```
IO_OK........
```

     OK string.

1.206   DayDream BBS - I/O Devices - IO_RING

```
IO_RING.......
```

     RING string.

1.207   DayDream BBS - I/O Devices - IO_NOCARRIER

```
IO_NOCARRIER..
```

     NO CARRIER string.

1.208   DayDream BBS - I/O Devices - IO_CONNECT

```
IO_CONNECT....
```

     Connect string.

1.209   DayDream BBS - I/O Devices - IO_SPEED1

```
IO_SPEED1.....
```

     Speed identifier. If this is found from connection string, bps
     rate will be taken after ",".

1.210   DayDream BBS - I/O Devices - IO_SPEED2

```
IO_SPEED2.....
```

     Same as IO_SPEED1.

1.211   DayDream BBS - I/O Devices - IO_SPEED3

     Same as IO_SPEED1.

1.212 DayDream BBS - I/O Devices - IO_SPEED4

Same as IO_SPEED1.

1.213 DayDream BBS - I/O Devices - IO_SPEED5

Same as IO_SPEED1.

1.214 DayDream BBS - I/O Devices - IO_SPEED6

Same as IO_SPEED1.

1.215 DayDream BBS - I/O Devices - IO_SPEED7

Same as IO_SPEED1.

1.216 DayDream BBS - I/O Devices - IO_SPEED8

Same as IO_SPEED1.

1.217 DayDream BBS - I/O Devices - IO_SPEED9

Same as IO_SPEED1.

1.218 DayDream BBS - I/O Devices - IO_SPEED10

Same as IO_SPEED1.

1.219 DayDream BBS - I/O Devices - IO_ERRORCORR

IO_ERRORCORR..

Error correction keyword. If this is found from connection string,
connection is error correcting.

1.220 DayDream BBS - I/O Devices - IO_DELAY1

```
IO_DELAY1.....
```

Delay between connection and first output (secs).

1.221 DayDream BBS - I/O Devices - IO_DELAY2

```
IO_DELAY2.....
```

Delay between modem init attempts.

1.222 DayDream BBS - I/O Devices - IO_MODE

```
IO_MODE.......
```

Mode. S=Shared, E=Exclusive. Note that you can't use
Hydra-protocol if mode is exclusive.

1.223 DayDream BBS - Security Levels

```
          Security levels
~~~~~~~~~~~~~~~~
!SECURITY.DAT

          SEC_LEVEL.....
          1

          SEC_FRATIO....
          3

          SEC_BRATIO....
          3

          SEC_PAGES.....
          3

          SEC_TIMELIMIT.
          20

          SEC_CONFACC1..
          XXXXXXXXXXXXX-----------------

          SEC_CONFACC2..
          ------------------------------

          SECF_DOWNLOAD.
          N
```

```
SECF_UPLOAD...
N

SECF_READMSGS.
N

SECF_ENTERMSG.
N

SECF_PAGE.....
N

SECF_COMMENT..
N

SECF_BULLETINS
N

SECF_LISTFILES
N

SECF_NEWFILES.
N

SECF_ZIPPY....
N

SECF_RUNDOOR..
N

SECF_JOINCONF.
N

SECF_MSGAREAC.
N

SECF_CHANGEINF
N

SECF_RELOGIN..
N

SECF_TAGED....
N

SECF_VIEWSTATS
N

SECF_VIEWTIME.
N

SECF_HYDRA....
N

SECF_EXPERT...
N
```

```
SECF_EALL.....
N

SECF_FIDOMSG..
N

SECF_PRIVMSG..
N

SECF_READALL..
N

SECF_USERED...
N

SECF_VIEWLOG..
N

SECF_SYSOPDL..
N

SECF_USERLIST.
N

SECF_DELETEANY
N

SECF_SHELL....
N

SECF_WHO......
N

SECF_MOVE.....
N

SECF_SFCONFS..
N

SECF_SMBASES..
N

SECF_NETMAIL..
N

SECF_OLM......
N

SECF_PRVATTACH
N

SECF_PUBATTACH
N

SENF_REALNAME.
Y
```

```
            SENF_HANDLE...
            Y
~

  The next line specifies what to do next.  If it's +, then there's more Sec
  levels to compile.  If it's ~, it's the end of the Security.DAT.
```

1.224   DayDream BBS - Security Levels - SEC_LEVEL

```
SEC_LEVEL.....
```

> Security level that uses these settings.

1.225   DayDream BBS - Security Levels - SEC_FRATIO

```
SEC_FRATIO....
```

> File ratio for this security level.

1.226   DayDream BBS - Security Levels - SEC_BRATIO

```
SEC_BRATIO....
```

> Byte ratio for this security level.

1.227   DayDream BBS - Security Levels - SEC_PAGES

```
SEC_PAGES.....
```

> Pages allowed.

1.228   DayDream BBS - Security Levels - SEC_TIMELIMIT

```
SEC_TIMELIMIT.
```

> Time limit.

1.229   DayDream BBS - Security Levels - SEC_CONFACC1

```
SEC_CONFACC1..
```

> Conference access for conferences 1-32.   X means that user has
> access to the conference. If it's "-" then he/she is not allowed
> to join the conference.

1.230   DayDream BBS - Security Levels - SEC_CONFACC2

SEC_CONFACC2..

>   Conference access for conferences 33-64. X means that user has
>   access to the conference. If it's "-" then he/she is not allowed
>   to join the conference.

1.231   DayDream BBS - Security Levels - SECF_DOWNLOAD

SECF_DOWNLOAD.

>   Everything below this defines access to the specified thingin the
>   BBS. If it's Y user has access to do it, if N then doesn't.
>
>   Download.

1.232   DayDream BBS - Security Levels - SECF_UPLOAD

SECF_UPLOAD...

>   Upload.

1.233   DayDream BBS - Security Levels - SECF_READMSGS

SECF_READMSGS.

>   Read messages.

1.234   DayDream BBS - Security Levels - SECF_ENTERMSG

SECF_ENTERMSG.

>   Enter message.

1.235   DayDream BBS - Security Levels - SECF_PAGE

SECF_PAGE.....

>   Page SysOp.

1.236   DayDream BBS - Security Levels - SECF_COMMENT

SECF_COMMENT..

        Leave comment to the SysOp.

1.237   DayDream BBS - Security Levels - SECF_BULLETINS

SECF_BULLETINS

        Read bulletins.

1.238   DayDream BBS - Security Levels - SECF_LISTFILES

SECF_LISTFILES

        List files.

1.239   DayDream BBS - Security Levels - SECF_NEWFILES

SECF_NEWFILES.

        New file scan.

1.240   DayDream BBS - Security Levels - SECF_ZIPPY

SECF_ZIPPY....

        Zippy Search.

1.241   DayDream BBS - Security Levels - SECF_RUNDOOR

SECF_RUNDOOR..

        Run an external program.

1.242   DayDream BBS - Security Levels - SECF_JOINCONF

SECF_JOINCONF.

        Join conference.

1.243   DayDream BBS - Security Levels - SECF_MSGAREAC

SECF_MSGAREAC.

Change MSG-Area.

1.244   DayDream BBS - Security Levels - SECF_CHANGEINF

SECF_CHANGEINF

Alter his/her settings. (Like protocol, handle, phone number etc)

1.245   DayDream BBS - Security Levels - SECF_RELOGIN

SECF_RELOGIN..

Relogin.

1.246   DayDream BBS - Security Levels - SECF_TAGED

SECF_TAGED....

Tag Editor.

1.247   DayDream BBS - Security Levels - SECF_VIEWSTATS

SECF_VIEWSTATS

View his/her statistics.

1.248   DayDream BBS - Security Levels - SECF_VIEWTIME

SECF_VIEWTIME.

Check what time is it.

1.249   DayDream BBS - Security Levels - SECF_HYDRA

SECF_HYDRA....

Use Hydra-transfer protocol.

1.250   DayDream BBS - Security Levels - SECF_EXPERT

SECF_EXPERT...

> Change to expert/novice mode.

1.251   DayDream BBS - Security Levels - SECF_EALL

SECF_EALL.....

> Leave an Exclusive all-message.

1.252   DayDream BBS - Security Levels - SECF_FIDOMSG

SECF_FIDOMSG..

> Leave an fido message.

1.253   DayDream BBS - Security Levels - SECF_PRIVMSG

SECF_PRIVMSG..

> Send a private message.

1.254   DayDream BBS - Security Levels - SECF_READALL

SECF_READALL..

> Read any message including Private messages addressed to someone
> else.

1.255   DayDream BBS - Security Levels - SECF_USERED

SECF_USERED...

> Use user editor.

1.256   DayDream BBS - Security Levels - SECF_VIEWLOG

SECF_VIEWLOG..

> View log file.

1.257   DayDream BBS - Security Levels - SECF_SYSOPDL

SECF_SYSOPDL..

>   SysOp download. Free download from any path.

1.258   DayDream BBS - Security Levels - SECF_USERLIST

SECF_USERLIST.

>   List users.

1.259   DayDream BBS - Security Levels - SECF_DELETEANY

SECF_DELETEANY

>   Delete any message.

1.260   DayDream BBS - Security Levels - SECF_SHELL

SECF_SHELL....

>   Remote shell.

1.261   DayDream BBS - Security Levels - SECF_WHO

SECF_WHO......

>   View who's online.

1.262   DayDream BBS - Security Levels - SECF_MOVE

SECF_MOVE.....

>   Move file from area to another.

1.263   DayDream BBS - Security Levels - SECF_SFCONFS

SECF_SFCONFS..

>   Select conferences to be scanned with NS-command.

1.264   DayDream BBS - Security Levels - SECF_SMBASES

SECF_SMBASES..

>   Select message bases to be scanned with MS-command and to be
>   grabbed to offline reading.

1.265   DayDream BBS - Security Levels - SECF_NETMAIL

SECF_NETMAIL..

>   Send netmail.

1.266   DayDream BBS - Security Levels - SECF_OLM

SECF_OLM......

>   Send online line message to the user on the another node.

1.267   DayDream BBS - Security Levels - SECF_PRVATTACH

SECF_PRVATTACH

>   Allow user to attach files to the private messages he/she sends.

1.268   DayDream BBS - Security Levels - SECF_PUBATTACH

SECF_PUBATTACH

>   Allow user to attach files to the public messages he/she sends.

1.269   DayDream BBS - Security Levels - SECF_REALNAME

SECF_REALNAME

>   Allow user to change his/her real name.

1.270   DayDream BBS - Security Levels - SECF_HANDLE

SECF_HANDLE

>   Allow user to change his/her handle.

1.271   DayDream BBS - Schedule

```
                  Schedule
~~~~~~~~
!SCHEDULE.DAT

                    SCHE_HOUR.....
                    0

                    SCHE_LOGOFF...
                    N

                    SCHE_SYSPW....
                    -

                    SCHE_NEWUSERPW
                    -
+
```

  The next line specifies what to do next. If it's +, then there's more
  hours to compile. If it's ~, it's the end of the Schedule.DAT. Note that
  you MUST have all 24 hours in this block!

1.272   DayDream BBS - Schedule - SCHE_HOUR

```
SCHE_HOUR.....
```

      Hour. 0-23.

1.273   DayDream BBS - Schedule - SCHE_LOGOFF

```
SCHE_LOGOFF...
```

      Force logoff at the end of this hour.

1.274   DayDream BBS - Schedule - SCHE_SYSPW

```
SCHE_SYSPW....
```

      System password at this hour (- for none)

1.275   DayDream BBS - Schedule - SCHE_NEWUSERPW

```
  SCHE_NEWUSERPW
```

        New user password at this hour (- for none)

1.276   DayDream BBS - Server

```
             Server
~~~~~~

!SERVER.DAT

             SRV_X.........
             0

             SRV_Y........
             75

             SRV_ICONIFY...
             N

             SRV_NAMES.....
             R

             SRV_LOCATION..
             O
~
```

1.277   DayDream BBS - Server - SRV_X

```
SRV_X.........
```

     Server window X-coordinate.

1.278   DayDream BBS - Server - SRV_Y

```
SRV_Y.........
```

     Server window Y-coordinate.

1.279   DayDream BBS - Server - SRV_ICONIFY

```
SRV_ICONIFY...
```

     Iconify server at start.

1.280   DayDream BBS - Server - SRV_NAMES

```
SRV_NAMES.....
```

     Use real names or handles in the server's listview. R = Real
     names, H = Handles.

1.281   DayDream BBS - Server - SRV_LOCATION

SRV_LOCATION..

    Use zipcode or organization in the server's listview.   O =
    Organization, L = Zip code.

1.282   DayDream BBS - Included Utils and Doors

                                    Included utils & doors

            DayDream:Utils/

            DayDream:Doors/

            DayDream:Doors/RexxDir/

            Back To Main

1.283   DayDream BBS - Included Utils and Doors - DayDream:Utils/

                                    DayDream:Utils/

            DDCallers

            DDTop

            DDWeekTop

            DreamConfig

            DreamToss

            FixBases

            ListClean

            OldMsgDelete
          Using these utilities shouldn't cause any problems, when you ←
              take a look
at the example-configfiles etc...

1.284   DayDream BBS - Included Utils and Doors - DayDream:Utils/ - DDCallers

```
DDCallers
~~~~~~~~~
```
  – Generates the list of last 10 callers and weekly
    statistics. Generates also a "minilog".

1.285   DayDream BBS - Included Utils and Doors - DayDream:Utils/ - DDTop

```
DDTop
~~~~~
```
  – Generates a list of top 10 uploaders, downloaders,
    callers, messagewriters and crapuploaders.
    WARNING! DO NOT USE THIS IF YOU HAVE LESS THAN
    THREE USERS!!! IT WILL CRASH THE MACHINE! IF YOU
    HAVE THREE OR MORE USERS, IT IS SAFE TO USE THIS!

1.286   DayDream BBS - Included Utils and Doors - DayDream:Utils/ - DDWeekTop

```
DDWeekTop
~~~~~~~~~
```
  – Generates list of weekly top 10 uploaders and
    downloaders. Writes message to the BBS at the end
    of the week (Optional).
    WARNING! DO NOT USE THIS IF YOU HAVE LESS THAN
    THREE USERS!!! IT WILL CRASH THE MACHINE! IF YOU
    HAVE THREE OR MORE USERS, IT IS SAFE TO USE THIS!

1.287   DayDream BBS - Included Utils and Doors - DayDream:Utils/ - DreamConfig

```
DreamConfig
~~~~~~~~~~~
```
  – Compiles   normal   ascii-configfile   for DayDream
    usage.

1.288   DayDream BBS - Included Utils and Doors - DayDream:Utils/ - DreamToss

```
DreamToss
~~~~~~~~~
```
  – FidoNet tosser for DayDream BBS.

1.289   DayDream BBS - Included Utils and Doors - DayDream:Utils/ - FixBases

```
FixBases
~~~~~~~~
```
  – Fixes messagepointers in Conferences.DAT.

1.290   DayDream BBS - Included Utils and Doors - DayDream:Utils/ - ListClean

```
ListClean
~~~~~~~~~
```
  - Marks deleted files to the filelist.
    Use option KILL to remove entry entirely from dirlist.

1.291   DayDream BBS - Included Utils and Doors - DayDream:Utils/ - OldMsgDelete

```
OldMsgDelete
~~~~~~~~~~~~
```
  - Deletes messages in BBS older than X days.
    Example: 'OldMsgDelete 90' deletes messages older than 90 days.

    Please make sure that no users online are scanning messages when you run
    this utility, as it may screw up your messagebases.

    I had 2 choices, either I trust the user (you) to run this program at the
    correct time, or I had to demand that the server was shutdown before this
    utility was run, I found that shutting down the server was not preferable
    for you, so therefor I trust you to the fullest to use good judgement. :)

1.292   DayDream BBS - Included Utils and Doors - DayDream:Doors/

```
                                DayDream:Doors/


              Faker

              Grab

              New

              Rexx

              Wall

              WhoF
```


1.293   DayDream BBS - Included Utils and Doors - DayDream:Doors/ - Faker

```
Faker
~~~~~
```
  - DreamFaker. Allows users to comment files. SysOp
    can give or take extra credits from the upload
    user has committed. SysOp can also return credits
    to the downloaders, delete file and even reward
    the first commenter. Very useful.

1.294   DayDream BBS - Included Utils and Doors - DayDream:Doors/ - Grab

```
Grab
~~~~
  - DreamMail.  Allows user  or SysOp to read messages
    offline.  Supports 3 formats, ascii, WWF  and
    BlueWave. WWF and BW support also replying.
```

1.295   DayDream BBS - Included Utils and Doors - DayDream:Doors/ - New

```
New
~~~
  - DreamNew. Allows user to read filelists backwards.
    Install as a normal DDDP door.
```

1.296   DayDream BBS - Included Utils and Doors - DayDream:Doors/ - Rexx

```
Rexx
~~~~
  - External  ARexx-interface.  Look at the  supported
    commands  below.  Some  example  ARexx-doors  are
    included in the distribution archive.
```

1.297   DayDream BBS - Included Utils and Doors - DayDream:Doors/ - Wall

```
Wall
~~~~
  - Stupid  wall program  which allows  users to write
    their slogans so everybody can laugh at them :)
```

1.298   DayDream BBS - Included Utils and Doors - DayDream:Doors/ - WhoF

```
WhoF
~~~~
  - Allows user to see who has uploaded and downloaded
    a specific file and when.
```

1.299   DayDream BBS - DayDream:Doors/RexxDir/

```
                        DayDream:Doors/RexxDir/
```

```
  Some  example  ARexx-scripts  are placed here, some of them are written by
  Antti, some of them are written by DarkElf.
```

1.300   DayDream BBS - ARexx

ARexx

General information

Requirements

Launching Door

Supported Commands

Debugging

Back To Main

1.301   DayDream BBS - ARexx - General Information

General information
~~~~~~~~~~~~~~~~~~~~
ARexx-interpreter of DayDream BBS is an external program, DreamRexx.
I'm planning to make it a part of the DayDream BBS but for the time being
it remains as it is, external.

1.302   DayDream BBS - ARexx - Requirements

Requirements
~~~~~~~~~~~~~
To use ARexx-doors you'll need DreamRexx (included in DD-Distribution), rx
and rexxmast. Rexxmast must be running.

1.303   DayDream BBS - ARexx - Launching Door

Launching Door
~~~~~~~~~~~~~~~
Usage : Doors:Rexx [node] [script]

Example : Doors:Rexx %N Doors:Rexxdir/rexxscript.dd

1.304   DayDream BBS - ARexx - Supported Commands

Supported Commands

TRANSMIT

```
SHUTDOWN

PROMPT

NEWLINE

SEND

SENDFILE

SENDANY

GETUSER

PUTUSER

SYSTEMINFO

GETCHAR

QUERYY

QUERYN

CONFINFO

DOWNLOAD

UPLOAD

GETLRP

SETLRP

FLAGFILE

HANGUP

DDCOMMAND

RESETIDLE

RELOGIN

JOINCONF

CHANGEMSGBASE

INTCOMMAND

FIFOEXECUTE

WRITELOG

EDITFILE
```

1.305 DayDream BBS - ARexx - Supported Commands - TRANSMIT

```
TRANSMIT "<string>" -
Sends a given string with newline appended. Returns nothing.
```

```
Example:
Transmit "Hello World!"
```

1.306 DayDream BBS - ARexx - Supported Commands - SHUTDOWN

```
SHUTDOWN -
End Arexx-script and close DreamRexx and doorport. Returns nothing.
```

```
Example:
Shutdown
```

1.307 DayDream BBS - ARexx - Supported Commands - PROMPT

```
PROMPT <max length> NORMAL|HIDE|FILE "[<prompt>]\[<default>]" -
Prompts the user to enter text with the given length as the maximum.
Three types of text input are currently supported:
  NORMAL: Normal input
  HIDE: Replace chars w/ *
  FILE: Don't allow characters illegal in filenames
If a prompt is supplied, it will be displayed before waiting for
input. A default answer can be defined with 2 backslashes after
prompt-text.
```

```
Example:
Prompt 30 NORMAL "Your Name:\Antti Häyrynen"
```

1.308 DayDream BBS - ARexx - Supported Commands - NEWLINE

```
NEWLINE -
Sends a newline code (a carriage return followed by line feed).
Takes no parameters and returns nothing
```

```
Example:
Newline
```

1.309 DayDream BBS - ARexx - Supported Commands - SEND

```
SEND <string>
Sends a given string. Nothing is added to the string. Returns
nothing.

Example:
Send "Hello World!"
```

1.310   DayDream BBS - ARexx - Supported Commands - SENDFILE

```
SENDFILE <filename> -
Sends a given text file to the online user. File is searched from
DayDream:Display/<displaymode>-directory and extension is added
automatically.

Example:
Sendfile "goodbye"
```

1.311   DayDream BBS - ARexx - Supported Commands - SENDANY

```
SENDANY <filename> -
Sends a given text file to the online user. Full pathname must be
given.

Example:
Sendany "s:user-startup"
```

1.312   DayDream BBS - ARexx - Supported Commands - GETUSER

```
GETUSER <number> -
Returns requested information about user.
  1 = Real Name
  2 = Handle
  3 = Organization
  4 = Zip code and city
  5 = Voice Phone Number
  6 = Password
  7 = Screen length
  8 = Protocol
  9 = UL-signature
 10 = Bytes Uploaded
 11 = Bytes Downloaded
 12 = Files Uploaded
 13 = Files Downloaded
 14 = Public Messages Written
 15 = Private Messages Written
 16 = Calls made to the system
 17 = File ratio (UL:DL <> 1:VALUE)
 18 = Byte ratio (UL:DL <> 1:VALUE)
 19 = Computer Model
```

```
20 = Free Bytes
21 = Failed login attempts since last authorized login
22 = Sec Level
23 = Conference to auto-join during the next login
24 = Conference access indicator (1-32)
25 = Conference access indicator (33-64)
26 = Daily time limit in minutes
27 = Slot number
28 = Time remaining
29 = Free files
30 = Faked files
31 = Faked bytes
```

```
Example:
Getuser 2
```

1.313   DayDream BBS - ARexx - Supported Commands - PUTUSER

```
PUTUSER <number> <new value> -
change requested user field
  1 = Real Name
  2 = Handle
  3 = Organization
  4 = Zip code and city
  5 = Voice Phone Number
  6 = Password
  7 = Screen length
  8 = Protocol
  9 = UL-signature
 10 = Bytes Uploaded
 11 = Bytes Downloaded
 12 = Files Uploaded
 13 = Files Downloaded
 14 = Public Messages Written
 15 = Private Messages Written
 16 = Calls made to the system
 17 = File ratio (UL:DL <> 1:VALUE)
 18 = Byte ratio (UL:DL <> 1:VALUE)
 19 = Computer Model
 20 = Free Bytes
 21 = Failed login attempts since last authorized login
 22 = Sec Level
 23 = Conference to auto-join during the next login
 24 = Conference access indicator (1-32)
 25 = Conference access indicator (33-64)
 26 = Daily time limit in minutes
 27 = Slot number
 28 = Time remaining
 29 = Free files
 30 = Faked files
 31 = Faked bytes
```

```
Examples:
Putuser 23 2
Putuser 1 "Antti Häyrynen"
```

```
Putuser 24 "XXXXXXXXX_____XX"
```

1.314   DayDream BBS - ARexx - Supported Commands - SYSTEMINFO

```
SYSTEMINFO <number> -
Returns requested information about System.
  1 = System Name
  2 = SysOp
  3 = Door parameters
  4 = Current conference (Number)
  5 = Current messagebase (Number)
  6 = Connection type (REMOTE or LOCAL)
  7 = Displaymode number
  8 = Display type (ANSI/ASCII)
  9 = SysOp available (Returns reason if not, else AVAILABLE or PERMANENTLY)
 10 = BPS Rate

Example:
Systeminfo 6
```

1.315   DayDream BBS - ARexx - Supported Commands - GETCHAR

```
GETCHAR -
Get a single character from local console or remote terminal.
Doesn't send anything to modem or console!
Returns received character.

Note, ascii code 250 = Up, 251 = Down, 252 = Right and 253 = left!
Example:
Getchar
```

1.316   DayDream BBS - ARexx - Supported Commands - QUERYY

```
QUERYY [<prompt>] -
Prompt user for Yes or No response, Yes as default. If a prompt is
supplied, it will be displayed before user input. Returns 'Y'
or 'N'.

Example:
Queryy 'Are Amigas great computers? (Yes/no) :'
```

1.317   DayDream BBS - ARexx - Supported Commands - QUERYN

```
QUERYN [<prompt>] -
Prompt user for Yes or No response, No as default. If a prompt is
supplied, it will be displayed before user input. Returns 'Y'
or 'N'.
```

```
Example:
Queryn 'Are PCs good computers? (yes/No) :'
```

1.318   DayDream BBS - ARexx - Supported Commands - CONFINFO

```
CONFINFO <conf> <number> -
Returns requested information about conference.
  1 = Conference name
  2 = Conference path
  3 = Number of fileareas in conference
  4 = Number of the filearea to place uploads in
  5 = Number of messagebases in conference
  6 = Number of the messagebase to place comments in

Example:
Confinfo 2 1
```

1.319   DayDream BBS - ARexx - Supported Commands - DOWNLOAD

```
DOWNLOAD <file1> [<file2>] [<file3>] ... -
Allows user to download files. Note that this will not add user's
download bytes!

Example:
Download 'S:User-startup' 'daydream:wares/data/directory.001'
```

1.320   DayDream BBS - ARexx - Supported Commands - UPLOAD

```
UPLOAD <path> -
Allows user to upload files to specified path. Note that this will
not add user's upload bytes!

Example:
Upload 'daydream:temporary/node'node'/'
```

1.321   DayDream BBS - ARexx - Supported Commands - GETLRP

```
GETLRP <conf> <base> -
Get lastread-pointer of the current user from the specified base.

Example:
Getlrp 2 3
```

1.322   DayDream BBS - ARexx - Supported Commands - SETLRP

```
SETLRP <conf> <base> <lrp> -
Set lastread-pointer of the current user in the specified base.
```

```
Example:
Setlrp 2 3 14
```

1.323   DayDream BBS - ARexx - Supported Commands - FLAGFILE

```
FLAGFILE <conf> <file> -
Flag file from specified conf for download. Wildcards allowed.
```

```
Example:
Flagfile 2 '#?.dms'
```

1.324   DayDream BBS - ARexx - Supported Commands - HANGUP

```
HANGUP
Disconnect user from BBS.
```

```
Example:
Hangup
```

1.325   DayDream BBS - ARexx - Supported Commands - DDCOMMAND

```
DDCOMMAND <Command>
This command makes it possible to run DayDream's main menu commands
from arexx-doors (also doors)
```

```
Example:
DDCommand "N S A"
```

1.326   DayDream BBS - ARexx - Supported Commands - RESETIDLE

```
RESETIDLE
Resets idle counter.
```

```
Example:
Resetidle
```

1.327   DayDream BBS - ARexx - Supported Commands - RELOGIN

```
RELOGIN
Generates new connection.
```

```
Example:
RELOGIN
```

1.328 DayDream BBS - ARexx - Supported Commands - JOINCONF

```
JOINCONF <conftojoin>
Joins conference using QUICK-mode, without displaying or loading any
conference specific data. Before quitting door, join the conference
user were when door was started.
```

```
Example:
JOINCONF 4
```

1.329 DayDream BBS - ARexx - Supported Commands - CHANGEMSGBASE

```
CHANGEMSGBASE <basetojoin>
Changes the current messagebase without any output.
```

```
Example:
CHANGEMSGBASE 5
```

1.330 DayDream BBS - ARexx - Supported Commands - INTCOMMAND

```
INTCOMMAND <Command>
This command makes it possible to run DayDream's main menu commands
from arexx-doors (only internal, no doors)
```

```
Example:
IntCommand "N S A"
```

1.331 DayDream BBS - ARexx - Supported Commands - FIFOEXECUTE

```
FIFOEXECUTE <Command>
Executes amigados command and routes output to DD.
Some control codes in command are available:
```

```
    %N = Node, %H = Handle, %R = Real name, %S = Screen length
```

```
Example:
FifoExecute "Lha a ram:sihi DayDream:#? -r"
```

1.332   DayDream BBS - ARexx - Supported Commands - WRITELOG

```
WRITELOG <String>
Writes specified text to the logfile.
Some control codes in command are available:

                %A = ARQ Report
                %B = Baudrate
                %D = Date
                %H = Handle
                %L = Location
                %N = Node
                %O = Organization
                %S = Security
                %T = Time
                %U = Real name

Example:
WRITELOG "%U aka %H proved that he's gay!"
```

1.333   DayDream BBS - ARexx - Supported Commands - EDITFILE

```
EDITFILE <file>

        Edit ascii file with selected editor.

Example:
EDITFILE "Ram:Pussy"
```

1.334   DayDream BBS - ARexx - Debugging

```
Debugging
~~~~~~~~~
Because  DreamRexx  is  a  bit  kludged  program,  use  TCO  for  debugging
purposes.  TCO is included in the OS and can be found in rexxc:.
```

1.335   DayDream BBS - Developing Doors and Utils

```
                                Developing Doors & Utils


            General Guidelines

            DayDream BBS Server commands

            Server ARexx commands

            Information about Examine.DAT
```

Back To Main

1.336   DayDream BBS - Developing Doors and Utils - General Guidelines

```
General Guidelines
~~~~~~~~~~~~~~~~~~
```
If you plan programming doors & utils for DayDream BBS, you must be
familiar with some rules.

1) If your door or util has a configfile, it is highly recommended,
   that it is looked from the path that is given in ENV:-variable
   DreamUtils.

2) If your door uses Data-Structures, please get structuresizes from
   DayDream:Data/Version.DAT. This will make sure that your program
   will work with the future versions of DayDream BBS.

Documentation for DDDP-Commands and format of data-structures is included
in DayDream:Structures/-directory. Check it out!

If your program needs doorcommand(s) that DD doesn't support, just e-mail
me, and it might be available in the next release!

I will do my best to get the development of the DayDream doors&utils
working!

1.337   DayDream BBS - Developing Doors and Utils - DayDream BBS Server Commands

```
DayDream BBS Server commands
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```
DayDream BBS server currently supports only a few commands that can be
accessed via execmessages. The commands, that are not listed, are only
for private use of DayDream BBS.

Portname for DayDream BBS server is "DD-Server".

Format of Servermessage is as follows. Note that offset 0 is the end of
standard exec-message header.

```
OFFSET   TYPE      LENGTH   DESCRIPTION                               FLAGS
=============================================================================
 0000    UBYTE      01      NODENUMBER OR -1 IF EXTERNAL PROGRAM        (-)
 0001    UBYTE      01      FREE SPACE                                  (-)
 0002    UWORD      02      MESSAGE CODE                                (-)
 0004    LONG WORD  04      COMMAND DATA FIELD #1                       (-)
 0008    LONG WORD  04      COMMAND DATA FIELD #2                       (-)
 0012    LONG WORD  04      COMMAND DATA FIELD #3                       (-)
 0016    LONG WORD  04      COMMAND DATA FIELD #4                       (-)
 0020    STRING     80      ROOM FOR MISCELLANEOUS VARIABLES            (-)
 0100    -- END --  00      END OF SERVER MESSAGE                       (-)
```

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

MESSAGE CODE=3   -> Save Conferences.DAT
~~~~~~

This function saves current Conferences.DAT in memory. Use with care.

Input:

   Nothing

Output:

   Nothing

Other:

   Server deletes message and doesn't reply it, so DO NOT WaitPort()!

MESSAGE CODE=10   -> DosRead
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

This function is standard dos read-command.   It opens file and does
seeking operations, closes it etc. Useful if you want to access stuff
that other nodes can access at the time, so there won't be any conflicts.

Input:

DATA1 = Pointer to the filename to read
DATA2 = Pointer to the destination buffer
DATA3 = Number of bytes to read
DATA4 = Offset to start reading

Outputs:

DATA1 = Number of bytes read. If -1, error occured.

MESSAGE CODE=11   -> DosAppend
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

With this function, you can safely add stuff to the filelists etc. If
file is not found, it will be created. This function seeks to the end of
file and writes the specified data.

Input:

DATA1 = Pointer to the filename
DATA2 = Pointer to the source buffer
DATA3 = Number of bytes to write

Outputs:

DATA1 = Number of bytes written. If -1, error occured.

MESSAGE CODE=13   -> SysOp Available

```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Input:

-none-

Outputs:

DATA1  = Pointer to the reason why SysOp isn't available or 0 if SysOp
         is available.

MESSAGE CODE=100       -> Add msgpointers
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

This function adds highest msg pointer of the specified messagebase, so
you can add message to the messagebase.

Inputs:

DATA1 = Conference number
DATA2 = Base number

Outputs:

This function deletes the message automatically, you mustn't wait for the
message to be replied!!!

```
MESSAGE CODE=101       -> Inquire pointers to datafiles
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

This function helps you to get datafiles directly from server. This saves
memory from system and allows you to modify Conferences.DAT etc. You can
also check out what's happening in the BBS. You may modify datafiles, but
be careful when modifying Conferences.DAT, because modifications to
Conferences.DAT will be saved to the disk!

Inputs:

-Nothing-

Outputs:

OFFSET+MN_SIZE	FILE	VALUE AT THE END OF DATA
0000	Conferences.DAT	255
0004	Protocols.DAT	255
0008	Archivers.DAT	255
0012	DayDream.DAT	-
0016	Display.DAT	255
0020	Access.DAT	0
0024	ExternalCommands.DAT	255
0028	Multinode.DAT	0
0032	Schedule.DAT	255
0036	Security.DAT	0
0040	Node Structures (Not a file)	-

ALLOCATE MN_SIZE+80 BYTES OF MEMORY FOR THE MESSAGE!!!

I will add lot of commands to the server soon! If you want something,
just e-mail me!

1.338 DayDream BBS - Developing Doors and Utils - Server ARexx Commands

Portname is SERVER-REXX, and it supports following commands:

SHUTDOWN

ICONIFY

CLOSENODE

OPENSCREEN

CLOSESCREEN

KICKUSER

ENTERCHAT

CHATON

CHATOFF

NODEINFO

Example scripts

1.339 Server Arexx Commands - SHUTDOWN

SHUTDOWN - Close DD Server. Works only if all nodes have been closed first.

examle:
SHUTDOWN

1.340 Server Arexx Commands - ICONIFY

ICONIFY - Iconifies the server.

example:
ICONIFY

1.341 Server Arexx Commands - CLOSENODE

```
CLOSENODE [node] - Close the specified node. Closes even if there's
                   user online. Use NODEINFO first if you don't want
                   to kick someone out.
```

```
Example:
CLOSENODE 1
```

1.342 Server Arexx Commands - OPENSCREEN

```
OPENSCREEN [node] - Open the screen of the specified node.
```

```
Example:
OPENSCREEN 1
```

1.343 Server Arexx Commands - CLOSESCREEN

```
CLOSESCREEN [node] - Close the screen of the specified node.
```

```
Example:
CLOSESCREEN 1
```

1.344 Server Arexx Commands - KICKUSER

```
KICKUSER [node] - Disconnect user from the specified node.
```

```
Example:
KICKUSER 1
```

1.345 Server Arexx Commands - ENTERCHAT

```
ENTERCHAT [node] - Activate chat mode on the specified node.
```

```
Example:
ENTERCHAT 1
```

1.346 Server Arexx Commands - CHATON

```
CHATON - Turn SysOp abailable flag on.
```

```
Example:
CHATON
```

1.347 Server Arexx Commands - CHATOFF

```
CHATOFF [reason] - Turn off SysOp available flag. Requires a reason.

Example:
CHATOFF "Shut up, I'm hunting wabbits.."
```

1.348 Server Arexx Commands - NODEINFO

```
NODEINFO [node] [cmd] - Get info on node.

Get information about a specified node.

cmd can be on of:
    0 = Returns information wheter Node is active(1) or not(0).
    1 = Returns information wheter there is a user online(1) or not(0).
    2 = Returns user activity string
    3 = Returns user handle
    4 = Returns user realname
    5 = Returns user location
    6 = Returns user organization

Example:
NODEINFO 1 0
```

1.349 Server ARexx Examples

```
/* Testing Server ARexx... */

Options results
servid="SERVER-REXX"
address value servid

iconify
chatoff "I'm not available right now, sorry."

exit
```

More example scripts can be found in the DayDream:Rexx/ drawer.

1.350 Developer information about Examine.DAT/FileCheck.DAT

Filename is passed to door in DD's commandline parameters. Do NOT trash
it, since there can be more doors in Examine.DAT to be launched. The
current directory is temporary directory where uploads are placed, so you
don't need to do any CurrentDir()s or generate path to find the file.

Here's a VERY simple example written in ARexx:

```
-----------------------------------------------------------cut---------
/* Introducing Examine.DAT */

parse arg node
Options results
nodeid="DREAMREXX"node
address value nodeid

systeminfo 3
file = result
transmit "?[36mThank you for uploading ?[0m"file"?[36m!"
if file = "RYLDD110.LHA" then call deleteit
call awaywego
deleteit:
address command "delete "file
transmit '?[0mOnly nerds upload such crap!'

awaywego:
transmit '?[0m'
shutdown
exit
-----------------------------------------------------------cut---------
```

1.351 DayDream BBS - How Does It Work

                                      How does it work

              General Info

              Login Procedure

              User Commands

              SysOp Commands

              Back To Main

1.352 DayDream BBS - How Does It Work - General Info

General info
~~~~~~~~~~~~
This chapter explains how this thing works. Description of the commands
is kinda brief, but you should be able to customize your system
etc after reading this chapter carefully.

1.353 DayDream BBS - How Does It Work - Login Procedure

                    Login procedure
~~~~~~~~~~~~~~~~
1) When ring is received from modem, or local connection is initiated,
   first thing DayDream does is to display to user that he/she has entered
   to the BBS running DayDream BBS and tells node number and bps-rate.

   Serial number is displayed, if the system is running registered
   DayDream BBS. If system is running unregistered version of DayDream
   it's informed to the user.

2) Then DayDream displays file "DayDream:Display/DisplayModeList.TXT"
   which contains list of available display modes. Then user will be
   prompted to select the displaymode (default is 1). If user requests
   help, "DayDream:Display/DisplayModeHelp.TXT" is shown.

3) If SysOp has specified system password, it will be asked now. File
   "SystemPassword.TXT/GFX" will be shown from the specified directory
   (specified in Display.DAT)

4) DD Displays file DayDream:Display/[mode]/Banner.TXT/GFX.

5) Now account name will be asked. User account name is required or
                NEW
                  to create a new account,
                CHAT
                  to chat with SysOp of
                LOGOFF
                  to
   disconnect from the BBS.

6) Password of the user is asked now. User has 3 attempts and if
   something went wrong, user will be kicked out and
   DayDream:Display/[mode]/PassWordFailure.TXT/GFX will be shown.

7) Next DayDream checks that user's account has been filled in correctly.
   Some fields may be missing, if account has been converted from another
   BBS software. Information will be queried until it's filled correctly.

8) File DayDream:Display[mode]/Welcome.TXT/GFX is shown.

9) Checks if user has any uploads without descriptions. If so, asks user
   to describe them.

10) Checks if user has unfinished upload. If so, allows user to continue
    uploading it.

11) Selected messagebases will be scanned for new mail addressed to the
    user. (If user wants that)

12) Selected conferences will be scanned for new files. (If user wants
    that)

13) User joins the conference where he/she was last time he/she
    disconnected.

1.354   DayDream BBS - How Does It Work - General Info - New

```
NEW - Create new account
~~~~~~~~~~~~~~~~~~~~~~~~~
  1) DayDream  checks  if  system  requires  password  to  enter.   If so,
     DayDream:Display/[mode]/NewUserPassword.TXT/GFX is displayed  and the
     password is asked from the user.

  2) File DayDream:Display/[mode]/NewUser.TXT/GFX is displayed and user is
     queried  if  he/she is absolutely  certain that he/she want to create
     account.

  3) Next  the  BBS will  ask things such  as real name etc from the user.
     Textfile will  be  shown from DayDream:Display/[mode]/  if it's exist
     before each question (see above for filenames).

  4) New user questionnaire will be asked now (described earlier on)

  5) When  account  is  created,  user  may  change  the  data  (equal  to
     A-command) he entered.

  6) DD jumps to the login procedure (step 5)
```

1.355   DayDream BBS - How Does It Work - General Info - Chat

```
CHAT
~~~~
  Just pages SysOp for chatting...
```

1.356   DayDream BBS - How Does It Work - General Info - Logoff

```
LOGOFF
~~~~~~
  Disconnects the user from BBS.
```

1.357   DayDream BBS - How Does It Work - User Commands

```
                                        User commands



            A
               - Alter userdata

            B
               - Bulletins

            C
               - Comment to SysOp
```

```
D
   - Download

E
   - Enter message

F
   - List files

G
   - Logoff

J
   - Join Conference

L
   - Local time

M
   - Change msg-base

N
   - New file scan

O
   - Operator Page

R
   - Read messages

S
   - User Statistics

T
   - Tag Editor

U
   - Upload

V
   - View file

X
   - Expertmode toggle

Z
   - Zippy Search

<
   - Previous Conference

>
   - Next Conference

?
   - Show mainmenu
```

```
              1
                 - Kewl little game :)


              <<
                 - Previous Messagebase
       >>            - Next Messagebase


              GR
                 - Global new message read


              MS
                 - Mailscan


              NS
                 - Global new file scan


              VER
                 - Displays version information


              OLM
                 - Send line message to the another node


              RELOGIN
                 - Relogin


              SF
                 - Select fileareas


              SM
                 - Select Messagebases


              UD
                 - Bidirectional Hydra-transfer


              USERLIST
                 - List of users


              MODE
                 - Change displaymode


              WHO
                 - Who's online
       CLS          - Clear Screen
```

1.358 DayDream BBS - How Does It Work - User Commands - Alter Userdata

```
[ A ] - Alter userdata
~~~~~~~~~~~~~~~~~~~~~~~
User  can  change  his  personal information such as phone number, sent-by
line,  password  etc..   Some  switches  can be altered behind this command
too.
```

1.359   DayDream BBS - How Does It Work - User Commands - Bulletins

```
[ B ] - Bulletins
~~~~~~~~~~~~~~~~~~
```
Every conference can contain it's own bulletins. Bulletins will be
searched from [Conference]/Bulletins/ directory and the naming system is
as follows:

```
BulletinMenu.TXT/GFX      - Menu of available bulletins

Bulletin.XXX.TXT/GFX      - Textfile containing the information.
```

User can toggle between view and download mode.

If conference doesn't contain any bulletins, they will be snooped from
DayDream:Bulletins/.

1.360   DayDream BBS - How Does It Work - User Commands - Comment

```
[ C ] - Comment
~~~~~~~~~~~~~~~~
```
User can leave comment to system administration using this command.

1.361   DayDream BBS - How Does It Work - User Commands - Download

```
[ D ] - Download
~~~~~~~~~~~~~~~~~~
```
Performs file downloading using XPR-Protocols.

1) Shows   Download.TXT/GFX from Conferences displaydirectory or from
   DayDream:Display/[Mode]/.

2) Asks for files to download.

3) Shows list of files to download, their sizes and estimated transfer
   time.

4) Asks if user wants to start transfer, disconnect after transfer, edit
   list of the files to download or abort.

5) Performs transfer using XPR-Library.

1.362   DayDream BBS - How Does It Work - User Commands - Enter Message

```
[ E ] - Enter Message
~~~~~~~~~~~~~~~~~~~~~~~
```
Allows user to write public/private/echo/netmail messages.

1) Asks for receiver. If message is public or private, receiver will be

looked from userbase. If user presses just enter, message will be addressed to everyone. If receiver is EALL, message will be shown to everyone at the mailscan.

2) Asks for subject. If user just enters return, message will be aborted.

3) If message base allows both public and private messages, DD will ask if user wants to send it as a private message.

4) User enters internal line-editor. It's very easy to use, but still quite efficient. When user types $ in empty line, user will enter commandmode. Supported commands:

    A)bort   - Aborts message entry.

    C)ommands   - Shows DayDream:Display/[mode]/LineEditorCommands.TXT/GFX

    D)elete   - Allows user to delete lines from the message.

    E)dit   - Allows user to edit line in message.

    F)ile attach- Allows user to attach file to the message.

    I)nsert   - Allows user to insert line anywhere in the message.

    P)assword   - Equips message with password.

    Q)uote   - Quotes message (works only in reply mode)

    R)esume   - Back to the message-editor.

    S)ave   - Saves message.

1.363   DayDream BBS - How Does It Work - User Commands - List Files

[F] - List files
~~~~~~~~~~~~~~~~~~~
Lists files available for downloading.

1) If number of filedirectories is 0 in the conference, drops user back to the main prompt.

2) Displays the file FileCatalogs.TXT/GFX from the displaydirectory of the conference or from DayDream:Display/[mode]/.

3) Asks areas to scan or A)ll or U)pload.

4) Shows filelists from the specified areas. In more prompt there are following options available:

    Y)es   - Shows more files

    N)o   - Quits filelisting

```
    F)lag or T)ag - Adds file for download request.

    C)ontinuous   - Non-stop listing, no more more-prompts.
```

1.364   DayDream BBS - How Does It Work - User Commands - Disconnect

```
[ G ] - Goodbye (Disconnect)
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
This command disconnects user from the system.

1) Asks if user is absolutely certain about leaving the BBS.

2) Displays the file DayDream:Display/[Mode]/GoodBye.TXT/GFX.

3) Drops the carrier.

4) Checks if there are any uploads to be checked. If so, checks them.

5) Executes the  file  "DayDream:Batch/Logoff[node].BAT".   If  this is a
   shell-script, make sure it's equipped with "s"-flag.

Note  that dropping carrier anywhere in the BBS will bring user to phase 3
of this command.
```

1.365   DayDream BBS - How Does It Work - User Commands - Join Conference

```
[ J ] - Join conference
~~~~~~~~~~~~~~~~~~~~~~~~~
This  command  allows  user  to  change to the another conference from the
current conference.

1) Shows the file DayDream:Display/[mode]/Conferences.TXT/GFX.

2) Prompts for the conference  user wishes to join.  User must have access
   to the conference he tries to join.

3) Shows [Conference]/Display/[Mode]/JoinConference.TXT/GFX if exists.
```

1.366   DayDream BBS - How Does It Work - User Commands - Local Time

```
[ L ] - Local time
~~~~~~~~~~~~~~~~~~~~
Just shows what time is it...
```

1.367   DayDream BBS - How Does It Work - User Commands - Change Message Base

[M] – Change message base
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
This command allows user to change to another message base.

1) If the conference doesn't have more than 1 message bases, informs user
   that this command has no effect and quits.

2) Shows file [Conf]/Display/[Mode]/MessageBases.TXT/GFX.

3) Prompts for the number of message base user wants to enter.

1.368   DayDream BBS - How Does It Work - User Commands - New File Scan

[N] – New file scan
~~~~~~~~~~~~~~~~~~~~~~~
Scan conference for new files. Uses the same routine for showing files as
F-Command (File list).

1) If number of filedirectories is 0 in the conference, drops user back to
   the main prompt.

2) Asks date to start scanning from.

3) Asks for filecatalogs to be scanned for new files:
    A=All, L=List or H=Help.
   If user requested for help, DayDream:Display/[mode]/CatalogHelp.TXT/GFX
   will be displayed.

4) Scans new files from requested directories.

NOTE!   To scan new files in current conference, just type N S A in main
prompt.

1.369   DayDream BBS - How Does It Work - User Commands - Operator Page

[O] – Operator Page
~~~~~~~~~~~~~~~~~~~~~~~
Pages sysop for chatting.

1) Checks if SysOp is available. If there's no chat message enabled in
   pulldownmenus and DayDream:Display/PermanentlyAway.TXT doesn't exist,
   step 2 will take place. Otherwise chat message or PermanentlyAway.TXT
   will be displayed.

2) If DayDream:Display/[Mode]/BeforeChat.TXT/GFX exist, DD displays it.

3) If SysOp has enabled "Ask Reason"-flag in configuration, user will be
   prompted for reason.

4) Pages SysOp with annoying beep or screen flashes if DD cannot allocate
   audio channels. Page can be aborted using CTRL-C. SysOp can enter

```
   chat mode by pressing CTRL-C.

5) If page wasn't canceled or SysOp didn't enter chat mode, window will be
   opened  to  the  screen  informing  that  user  has  paged  and telling the
   reason for chat.
```

1.370   DayDream BBS - How Does It Work - User Commands - Read Messages

```
[ R ] - Read Messages
~~~~~~~~~~~~~~~~~~~~~~~
This  command  allows user to read messages.  It also allows user to reply
to a certain message.

Shows the read prompt, looks like this:

  Message Read Command: <Enter> Next, <C>ommands (5/6;-):
                                                ^ ^ ^
                                                | | +- Reading direction
                                                | +--- Highest message
                                                +----- Current message


  Available commands:

  A)gain          - Redisplay message

  D)elete         - Delete current message

  R)eply          - Reply to the current message. Same as  Enter  Message -
                    command, but the receiver of the message is the  author
                    of  the message to be replied and when entering message
                    editor, lines to be quoted will be asked.

  Q)uit           - Quit reading messages

  +               - Set reading direction forward (-->)

  -               - Set reading direction backward (<--)

  <Number>        - Read specified message (if available)

  <CR>            - Read next message
```

1.371   DayDream BBS - How Does It Work - User Commands - User Statistics

```
[ S ] - User statistics
~~~~~~~~~~~~~~~~~~~~~~~~~
Shows  information  about  user,  eg.   his/her name, organization, upload
bytes etc.
```

1.372   DayDream BBS - How Does It Work - User Commands - Tag Editor

```
[ T ] - Tag editor
~~~~~~~~~~~~~~~~~~~
Allows user to edit his/her download batch. User can add/remove files
to/from download batch using this command. This also displays the total
size of files in the batch and an estimated transfer time.
```

1.373 DayDream BBS - How Does It Work - User Commands - Upload

```
[ U ] - Upload
~~~~~~~~~~~~~~~
Allows user to send files to the system using XPR-Protocol.

1) If number of filedirectories is 0 in the conference, drops user back to
   the main prompt and informs that uploads are not allowed in the current
   conference.

2) Displays Upload.GFX/TXT from the display directory of the confernce or
   from DayDream:Display/[Mode]/. Useful for telling users what they
   should and should not upload.

3) Checks free space on hard disk. If there's not enough free space,
   drops user back to the main prompt.

4) Asks if user wants to Proceed, Disconnect after transfer or Abort. If
   user decides to disconnect after transfer, archives should contain
   FILE_ID.DIZ. Otherwise descriptions will be asked next time the user
   calls.

5) Cleans up the DayDream:Temporary/Node[Node]/ directory. Uploads will be
   placed here.

6) Remote mode (=normal user upload):
    Starts XPR-Transfer.

   Local mode (=sysop upload from local connection):
    Asks SysOp to copy files to be uploaded to directory called
    DayDream:Temporary/Node[Node]/. Press return when all the files
    are copied.

7) Checks if there are any files in temporary directory to be processed,
   and if there's not, exits.

8) Checks if filename is longer than 12 characters. If it is, asks user to
   rename it.

9) Executes doors listed in [CONF]/Data/FileCheck.DAT. If file doesn't
   exist after this procedure, jumps to step 7.

10) Scans BBS for duplicates. If file already exists, it will be deleted.

11) Tests archive integrity. If offline checking is enabled, this will be
    done after the user has disconnected.

12) Checks if archive contains file_id.diz. If it does, then DD displays
```

it and asks if user wants to save it, edit it, discard it, save
upload to SysOp's private directory or turn autosave mode on. In
autosave mode, file_id.diz will be used automatically from the next
archives.

If archive doesn't contain file_id.diz, description will be asked.
Description may contain up to 13 lines.

13) Executes doors listed in [CONF]/Data/Examine.DAT. If file doesn't
exist after this procedure, jumps to step 7.

14) Saves file and adds credits to the user.

15) Jump to step 7.

1.374 DayDream BBS - How Does It Work - User Commands - View file

```
[ V ] - View file
~~~~~~~~~~~~~~~~~
```
Allows user to view archive contests. Executes VIEW-command and displays
output to the user.

1.375 DayDream BBS - How Does It Work - User Commands - Expert Mode Toggle

```
[ X ] - Expert mode toggle
~~~~~~~~~~~~~~~~~~~~~~~~~~~
```
Turns expert mode on/off. In expertmode, menu will be shown only if user
requests it with ?-command.

1.376 DayDream BBS - How Does It Work - User Commands - Zippy Search

```
[ Z ] - Zippy Search
~~~~~~~~~~~~~~~~~~~~~
```
Scans file catalogs for a match for a specified string. When match is
found, it will display the whole entry to the user.

1.377 DayDream BBS - How Does It Work - User Commands - Previous Conference

```
[ < ] - Previous Conference
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```
Joins previous conference user has access to. Very fast method to move
around the BBS.

1.378   DayDream BBS - How Does It Work - User Commands - Next Conference

```
[ > ] - Next Conference
~~~~~~~~~~~~~~~~~~~~~~~~~
Joins next conference user has access to.  Very fast method to move around
the BBS.
```

1.379   DayDream BBS - How Does It Work - User Commands - Show Mainmenu

```
[ ? ] - Show Mainmenu
~~~~~~~~~~~~~~~~~~~~~~
Shows the mainmenu.
```

1.380   DayDream BBS - How Does It Work - User Commands - Kewl Little Game

```
[ 1 ] - Kewl Little Game
~~~~~~~~~~~~~~~~~~~~~~~~~~
Nice game.
```

1.381   DayDream BBS - How Does It Work - User Commands - Prevoius Message Base

```
[ << ] - Previous message base
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Joins previous message base in the current conference.
```

1.382   DayDream BBS - How Does It Work - User Commands - Next Message Base

```
[ >> ] - Next message base
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Joins next message base in the current conference.
```

1.383   DayDream BBS - How Does It Work - User Commands - Global read

```
[ GR ] - Global read
~~~~~~~~~~~~~~~~~~~~~
Read new messages globally from selected message bases. Works like R-command.
```

1.384   DayDream BBS - How Does It Work - User Commands - Mail Scan

```
[ MS ] - Mail scan
~~~~~~~~~~~~~~~~~~~
Scans selected message bases for new mail addressed to the user.  When new
message is found, it will be shown to the user.
```

1.385   DayDream BBS - How Does It Work - User Commands - New Files Scan

```
[ NS ] - New files scan
~~~~~~~~~~~~~~~~~~~~~~~~
Scans selected conferences for new files. Uses N-Command.
```

1.386   DayDream BBS - How Does It Work - User Commands - Version Information

```
[ VER ] - Version information
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Shows some version specific information, serial number and the name of the
registered user.
```

1.387   DayDream BBS - How Does It Work - User Commands - Online Message

```
[ OLM ] - Online message
~~~~~~~~~~~~~~~~~~~~~~~~~
Send line of text to the user on the another node.  If user on the another
node has disabled OLMs, then message won't be sent.
```

1.388   DayDream BBS - How Does It Work - User Commands - Relogin

```
[ RELOGIN ] - Relogin
~~~~~~~~~~~~~~~~~~~~~~
This command allows user to relogin to the system without calling again.
```

1.389   DayDream BBS - How Does It Work - User Commands - Select File Conferences

```
[ SF ] - Select file conferences
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
This  command allows user to select conferences he/she wants to be scanned
in the new files scan during logon or when he/she enters the NS-command.
```

1.390   DayDream BBS - How Does It Work - User Commands - Select Messagebases

```
[ SM ] - Select messagebases
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
This command allows user to select messagebases he/she wants to be scanned
in the new mail scan and to be grabbed for offline reading.
```

1.391   DayDream BBS - How Does It Work - User Commands - Bidir. Hydratransfer

```
[ UD ] - Bidirectional Hydratransfer
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
This command performs file transfer using bidirectional Hydra-protocol.
```

1) Shows HydraTransfer.TXT/GFX from Conferences displaydirectory or from
   DayDream:Display/[Mode]/.

2) Asks for files to be downloaded.

3) Shows list of files to be downloaded, their sizes and estimated
   transfer time.

4) Asks if user wants to start transfer, disconnect after transfer, edit
   download request or abort.

5) Performs the file transfer.

6) Jumps to the phase 7 of Upload-command to process possible incoming
   uploads.

1.392   DayDream BBS - How Does It Work - User Commands - List of Users

```
[ USERLIST ] - List of users
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Lists users that has access to the system.
```


1.393   DayDream BBS - How Does It Work - User Commands - Change Displaymode

```
[ MODE ] - Change displaymode
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Exactly the same as the first question after handshaking.
```


1.394   DayDream BBS - How Does It Work - User Commands - Who's Online

```
[ WHO ] - Who's online
~~~~~~~~~~~~~~~~~~~~~~~~
Displays  users that are using the systemipped off.
```


1.395   DayDream BBS - How Does It Work - SysOp Commands

```
                                     SysOp commands


              USERED
                    - Online UserEditor
```

```
              MOVE
                  - Move file from area to another

              SD
                  - SysOp download

              LOG
                  - View logfile

              SHELL
                  - Remote Shell

              $
                  - Test door
```

1.396   DayDream BBS - How Does It Work - SysOp Commands - UserEditor

```
[ USERED ] - Usereditor
~~~~~~~~~~~~~~~~~~~~~~~~~
Enters the user editor. Ansimode is required to use this.

1) Shows menu with the following commands:

  C)urrent user       - Edit current user
  S)earh from userbase - Searches  user   from   the  userbase,  wildcards
                          allowed.
  N)ew accounts scan   - Scans userbase for new accounts.
  Q)uit               - Quit usereditor.

2) When user to edit is selected, DD will show this kind of a screen:

  ---------------------------------------------------------- cut ----------

  A) Name          : Antti Häyrynen            L) Security    : 255
  B) Handle        : Hydra                     N) Time Left   : 289
  C) Organization  : Windowskiihdytin          Q) Calls Made  : 73
  D) Zip & City    : 90810 Kiviniemi           R) Protocol    : Z
  E) Voice Phone   : --------                  S) Auto-Join   : 6
  F) PassWord      : NOTFORYOU!                T) Free Bytes  : 0
  G) CPU Model     : 020                       U) PW Failures : 0
                                               V) Scr Length  : 30
  H) Uploaded      :     7097404 | 32          W) Acc. Status : Active
     Downloaded    :           0 | 0

  X) Access Presets                            Z) Edit Security

  I) UL Signature : -Hydra

  Select field to be altered (SAve, ABort or VIew):

  ----------------------------------------------------------- cut ----------

  Now  sysop may alter any of these fields.  With X-command he can select
```

pre-defined accesslevels which is the fastest method to edit the access
of the user.

Using Z-command screen like this will be shown:

```
----------------------------------------------------------- cut ------------

1) Security Level  : 255              2) Daily Time      : 300
3) Byte Ratio      : 0                4) File Ratio      : 0
5) Conference Access (01-32): XXXXXXXX_____
6) Conference Access (33-64):         _____

7) Download        : On   8) Upload          : On   9) Read Message  : On
A) Enter Message   : On   B) Page SysOp      : On   C) Comment       : On
D) Bulletins       : On   E) List Files      : On   F) New Files     : On
G) Zippy Search    : On   H) Run Door        : On   I) Join Conference: On
J) Change Msg Area : On   K) Change Info     : On   L) Relogin       : On
M) Tag Editor      : On   N) User Stats      : On   O) View Time     : On
P) Hydra Transfer  : On   Q) Expert Mode     : On   R) Eall-Message  : On
S) Fidomessage     : On   T) Public Message  : On   U) Privateread   : On
V) User Editor     : On   W) View Log        : On   X) SysOp DL      : On
Y) Userlist        : On   Z) Delete Any Msg  : On   !) Remote Shell  : On
") Who is online   : On   £) Move file       : On   $) Select FConfs : On
%) Select Bases    : On   &) Send Netmail    : On

Select field to be altered (SAve, ABort or VIew):

----------------------------------------------------------- cut ------------
```

SysOp is able to edit these fields, too. It's not advicable to edit
access information from here, because when new securityflags appear,
they will be always set to OFF if user has his/her own custom security
information.

1.397   DayDream BBS - How Does It Work - SysOp Commands - Move File(s)

[MOVE] - Move file(s)
~~~~~~~~~~~~~~~~~~~~~~~~~
This command allows SysOp to move files from conference/catalog to the
another. Wildcards are supported. Should be easy to figure out.

1.398   DayDream BBS - How Does It Work - SysOp Commands - SysOp Download

[SD] - SysOp download
~~~~~~~~~~~~~~~~~~~~~~~~~
This command allows SysOp to download any file from the harddisk. File
won't be marked to the download bytes/files.

1.399   DayDream BBS - How Does It Work - SysOp Commands - View Logfile

```
[ LOG ] - View logfile
~~~~~~~~~~~~~~~~~~~~~~~
This command allows SysOp to view logfile of the specified node.
```

1.400   DayDream BBS - How Does It Work - SysOp Commands - Remote Shell

```
[ SHELL ] - Remote shell
~~~~~~~~~~~~~~~~~~~~~~~~~~
This  command  allows  SysOp to enter to the remote shell.  If normal user
gets  access  to this command, he can de serious  damage to your harddisk.
!! He could even format it !!
```

1.401   DayDream BBS - How Does It Work - SysOp Commands - Test Door

```
[ $ ] - Test door
~~~~~~~~~~~~~~~~~~
This command allows SysOp to test a door program before installing it.
```

1.402   DayDream BBS - Pulldown Menus

```
                              Pulldown Menus


          DayDream BBS menu

          Display

          Online

          Back To Main
```

1.403   DayDream BBS - Pulldown Menus - DayDream BBS Menu

```
                            DayDream BBS Menu


          About (Ramiga+A)

          Quit (Ramiga+Q)
```

1.404   DayDream BBS - Pulldown Menus - DayDream BBS Menu - About

```
About (Ramiga+A)
~~~~~~~~~~~~~~~~~
   Shows information about DayDream BBS.
```

1.405   DayDream BBS - Pulldown Menus - DayDream BBS Menu - Quit

```
Quit (Ramiga+Q)
~~~~~~~~~~~~~~~~
   Shutdown node. Requester with three gadgets will appear when you
   choose this. They are:

     Exit    - Quit DayDream BBS
     ReCycle - Exit to Waiting for call mode
     Cancel  - Abort, do not exit.
```

1.406   DayDream BBS - Pulldown Menus - Display

```
                                                    Display


                 Palette

                 Screen Title (Ramiga+O)

                 Screen Mode

                 Save
```

1.407   DayDream BBS - Pulldown Menus - Display - Palette

```
Palette
~~~~~~~
   Behind this you will find some palette specific stuff.
```

1.408   DayDream BBS - Pulldown Menus - Display - Screen Title

```
Screen Title (Ramiga+O)
~~~~~~~~~~~~~~~~~~~~~~~~~
   Turn screen title on/off.
```

1.409   DayDream BBS - Pulldown Menus - Display - Screen Mode

```
Screen Mode
~~~~~~~~~~~
   Allows you to change screen mode for the local screen.
```

1.410   DayDream BBS - Pulldown Menus - Display - Save

```
Save
~~~~
   Allows you to save display configuration.
```

1.411   DayDream BBS - Pulldown Menus - Online

```
                                          Online


              ASCII Send (Ramiga+S)

              Send file(s) (Ramiga+U)

              Receive file(s) (Ramiga+D)

              Chat Message (Ramiga+E)

              Modem Command (Ramiga+M)

              Local UserEd (Ramiga+1)

              Lo&Re UserEd (Ramiga+2)

              Chat Request Off (Ramiga+W)

              Kick User (Ramiga+H)

              Chat Mode (Ramiga+-)

              Hydra Transfer (Ramiga+T)

              Butt noise (Ramiga+B)

              Disable idle
```

1.412   DayDream BBS - Pulldown Menus - Online - Ascii Send

```
ASCII Send (Ramiga+S)
~~~~~~~~~~~~~~~~~~~~~~
   Send ascii file to the user. If file contains  those 255-codes, they
   will be executed also.
```

1.413   DayDream BBS - Pulldown Menus - Online - Send File(s)

```
Send file(s) (Ramiga+U)
~~~~~~~~~~~~~~~~~~~~~~~~~
```
  Send binary file(s) to the user using xpr-libraries. Uses reqtools
  -file requester to select files for transfer. Files won't be marked
  to the user's download bytes/files.

1.414   DayDream BBS - Pulldown Menus - Online - Receive File(s)

```
Receive file(s) (Ramiga+D)
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```
  Receive file(s) from the user using xpr-libraries. Files will be
  placed in "chat download"-directory. Uploaded files won't be marked.

1.415   DayDream BBS - Pulldown Menus - Online - Chat Message

```
Chat Message (Ramiga+E)
~~~~~~~~~~~~~~~~~~~~~~~~~
```
  Edit message to send to the user when he pages. If this is empty,
  paging is allowed.

1.416   DayDream BBS - Pulldown Menus - Online - Modem Command

```
Modem Command (Ramiga+M)
~~~~~~~~~~~~~~~~~~~~~~~~~~
```
  Send an Hayes AT command to the modem. Useful if you want to
  disable DTR-hangupping etc.

1.417   DayDream BBS - Pulldown Menus - Online - Local UserEd

```
Local UserEd (Ramiga+1)
~~~~~~~~~~~~~~~~~~~~~~~~~
```
  Edit user locally. Output won't be shown to the user. Exaclty same
  as UserEd mainmenu command.

1.418   DayDream BBS - Pulldown Menus - Online - Lo&Re UserEd

```
Lo&Re UserEd (Ramiga+2)
~~~~~~~~~~~~~~~~~~~~~~~~~
```
  Exactly same as UserEd mainmenu command. Output will be shown to the
  user, so be careful with this.

1.419   DayDream BBS - Pulldown Menus - Online - Chat Request Off

```
Chat Request Off (Ramiga+W)
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
   Closes chat request window if such exists.
```

1.420   DayDream BBS - Pulldown Menus - Online - Kick User

```
Kick User (Ramiga+H)
~~~~~~~~~~~~~~~~~~~~~~
   Hang up user.
```

1.421   DayDream BBS - Pulldown Menus - Online - Chat Mode

```
Chat Mode (Ramiga+-)
~~~~~~~~~~~~~~~~~~~~~~
   Starts chatmode. To quit from chat, just press ESC.
```

1.422   DayDream BBS - Pulldown Menus - Online - Hydra Transfer

```
Hydra Transfer (Ramiga+T)
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
   Transfer files using Hydra/SModem -protocol. Received files will be placed
   in "chat download"-directory.
```

1.423   DayDream BBS - Pulldown Menus - Online - Butt Noise

```
Butt noise (Ramiga+B)
~~~~~~~~~~~~~~~~~~~~~~~
   Sends some random characters to the user. Emulates linenoise.
```

1.424   DayDream BBS - Pulldown Menus - Online - Disable Idle

```
Disable idle
~~~~~~~~~~~~~
   Disable idle. User won't be kicked out because of inactivity.
```

1.425   DayDream BBS - FidoNet

FidoNet

Requirements

Installing Dreamtoss

Installing Mailer

Back To Main

1.426   DayDream BBS - FidoNet - Requirements

10-1 - Requirements
~~~~~~~~~~~~~~~~~~~~
To join FidoNet, you need:

    1) FidoNet address of your own. You can get it from most of the
       BBS'es near you, due to the popularity of the net.

    2) Mailer software. DayDream has been tested with JamMail and
       Trapdoor. It works fine.

    3) Cron utility to execute mailer to poll messages, Dreamtoss to
       pack messages etc.

1.427   DayDream BBS - FidoNet - Installing Dreamtoss

                  10-2 - Installing Dreamtoss
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Configfile of DreamToss must be placed in Mail:-directory and it's called
DreamToss.CFG. DreamToss doesn't require any kind of nodelist compiler or
so.

        Akas

        Bad Messages

        NetMail

        Inbound & Outbound directories

        Packer Definitions

        Outgoing Echo

        Inbound Conversion

        Area Definitions

```
          Routing
```

1.428   DayDream BBS - FidoNet - Installing Dreamtoss - Akas

```
Akas
~~~~
  DreamToss supports AKA-addresses, so you can have multiple
  networks in your BBS. Standard AKA-line looks like this

    AKA?? XX:XX/XX.XX

  AKA1 is your primary FidoNet address. So if your primary
  address is for example 9:866/3.0, put in your configfile:

    AKA1 9:866/3.0
```

1.429   DayDream BBS - FidoNet - Installing Dreamtoss - Bad Messages

```
Bad messages
~~~~~~~~~~~~
  There can be some bad messages in the message packet, for
  example there might be message to the area you have not
  configured. That kind of messages are imported to the area,
  you have defined as a bad message base. It should be local
  area because then you know what went wrong from the message
  kludges, and so you can configure DayDream so it will work.

  Standard BAD-line looks like this:

    BAD [CONF]:[BASE]

  For example, if you want to have base 6 of conference 10 as
  a bad base, put to your config file:

    BAD 10:6
```

1.430   DayDream BBS - FidoNet - Installing Dreamtoss - NetMail

```
Netmail
~~~~~~~
  There might be a message in the inbound directory, that
  doesn't have an AREA:-kludge. This kind of messages will be
  imported as Netmail. Netmail can be sent anywhere on the globe,
  and is always private. Line NETMAIL in config-file defines
  the base to be used for Netmail messages.

  Standard NETMAIL-line looks like this:
```

```
   NETMAIL [CONF]:[BASE]
```

For example, if you want to have base 5 of conference 10 as
a netmail base, put to your config file:

```
   NETMAIL 10:5
```

1.431   DayDream BBS - FidoNet - Installing Dreamtoss - In- & OutBound Dirs

Inbound & Outbound directories
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
  DreamToss needs to know, where the received messages are
  located. It also needs to know, where you want to pack
  outgoing messages. Path for received messages is defined
  in INBOUND-line and for outgoing in OUTBOUND-line.

  Here are examples:

    INBOUND "Mail:Inbound"
    OUTBOUND "Mail:Outbound"

  Note that / will be added automatically after path and
  path must be enclosed with quotes.

1.432   DayDream BBS - FidoNet - Installing Dreamtoss - Packer Definitions

Packer definitions
~~~~~~~~~~~~~~~~~~~~
  You can have multiple packers for packing outgoing mail,
  but only 1 for decrunching mail. If you want to have more
  decrunchers, get a extracter, which detects which packer is
  used for packing message packets.

  Standard packer line looks like this:

  PACK[PACKERNUMBER] "[Commandline]". First %s is for name of
  archive and the second %s is for source file.

  Eg:

  PACK1 "Lha a %s %s"

  Standard unpack line looks like this:

  UNPACK "[Commandline]". %s is a archive name to extract.

  Eg:

  UNPACK "Lha e %s"

1.433   DayDream BBS - FidoNet - Installing Dreamtoss - Outgoing Echo

```
Outgoing echo
~~~~~~~~~~~~~
  To specify nodes/points which get some mail from you, you need
  to use list of outbound nodes. List begins with line "OUT:".
  The next lines are for specifications about nodes/points which
  get the mail packets from you. The line format is:

  [4D ADDRESS] [TYPE] [PACKER] [AKA] [CONVERSION TABLE]

  4D Address is a typical fidonet 4D address, eg. 9:866/3.0.
  Type specifies the method which is used to deliver packets to
  the current node. If it's H, node will call you to exchange the
  packets. If it's N, you will call the current node to exchange
  packets.

  Packer specifies packer number to use.

  Aka specifies aka to use in messages to this node.

  Conversion table specifies outgoing conversion table ID
  (DayDream:Data/ConversionTableXX.DAT) to use for outgoing message
  conversion. If your host/nodes want to use those perverted IBM-chars,
  this should be 2 if you're using default conversion tables, otherwise 0.

  ~ is end of the outbound definitions.

  Example list:

  OUT:
  9:866/1.0 N 1 1 0
  9:866/2.0 H 1 1 2
  ~
```

1.434   DayDream BBS - FidoNet - Installing Dreamtoss - Inbound Conversion

```
Inbound conversion
~~~~~~~~~~~~~~~~~~~
  It's possible to convert incoming messages. If you live in
  Scandinavia and you are member of PC-network, those linefeeds
  are really annoying. If you want to use conversion table, specify
  the conversion table number in "CONVERSION" line. Table will
  be taken from DayDream:Data/-directory.
```

1.435   DayDream BBS - FidoNet - Installing Dreamtoss - Area Definitions

```
Area definitions
~~~~~~~~~~~~~~~~

  To export echomail messages, you need to specify nodes who are
  polling area. Every area requires this. Format for AREA-line is
```

```
AREA [CONF]:[BASE] [List of 4d-addresses].

Eg:

AREA 4:5 9:866/1.0 9:866/2.0
```

1.436   DayDream BBS - FidoNet - Installing Dreamtoss - Routing

```
Routing
~~~~~~~
  Routing is required for sending netmail via many nodes, not directly
  to the destination. This makes netmail transferring cheaper and slower.

  This is how it works:

  .-----------------------------.
  | Netmail for eg. node 2:447/3.0.|
  `-----------------------------'
                  |
   Is this defined in outbound nodes?   eg. 2:477/3.0 N 1 1
                  |
                  +------------- yes -- Send it directly to it.
                  |
                  no
                  |
   Is there route entry for dest?       eg. 2:477/#? 2:477/2.0
                  |
                  +------------- yes -- Send it to 2:477/2.0
                  |
                  no
                  |
  Crashmail it to 2:477/3.0

  To specify routing, you'll need a table of route entries.
  List begins with line "ROUTE:" and next lines are for specifications
  about nodes to use for routing.

  Format for lines is:

  [PATTERN] [4D ADDRESS]

  Pattern is an Amigados pattern. If destination matches with it,
  netmail will be sent to [4D ADDRESS].

  4D Address is a typical fidonet 4D address, eg. 9:866/3.0.
  If it's -, mail won't be sent. First lines of the routetable
  should be used for your addresses to prevent tosser from sending your
  netmails forward.

  ~ is end of the routing definitions.

  Example list:

  ROUTE:
```

```
9:866/3.0 -
9:#? 9:866/1.0
~
```

1.437   DayDream BBS - FidoNet - Installing Mailer

```
Mailer,  Front End or  whatever you  call it is required to make Fidonet  work
properly.  There's two major mailers on Amiga, TrapDoor and JamMail.  TrapDoor
is better, but you'll need to register it for BBS usage. JamMail is free,  but
eats lots of memory, is slow etc..

To make mailer and DD work properly, you must be sure that:

1) Both mailer and DD use same serial driver, unit and Baud rate.
2) Both mailer and DD open serial in SHARED mode.

Spawn command looks like this:
DayDream n[node] d[baud] h

eg, spawn command from trapdoor would be:

BBSCommand "daydream:daydream n1 d%B h"

For more information, take a look at Trapdoor's manual.
```

1.438   DayDream BBS - Other Things You Should Know

```
                            Other Things You Should Know


            Chat Mode

            Making Stuff Resident

            Multinode Chat

            InterNet

            Compatibility w/ /X

            Daily Updates

            Configuring strings

            Multinode support

            Telnet support

            Back To Main
```

1.439   DayDream BBS - Other Things You Should Know - Telnet

                           How to make a DayDream BBS telnetable.
                           ~~~~~~

First, you need the telnetd.device (found on ...). Install this package to
your system.

Then, you need to configure yourself a new node.

* Create a new node and iodevice (either copy some txt in the txt config or
  create a new node with the MUI config program).

  Be sure to set the MNODE_TELNET.. flag to Y in the !MULTINODE.DAT.

* Edit the IODevice to use telnetd.device as IO_DEVICE. Use theese modem
  strings for now (you may change this later if you'd like):
        IO_PREINIT.... AT|
        IO_OFFHOOK.... AT|
        IO_ANSWER..... ATA|
        IO_INIT....... AT|
        IO_AFTERCALL.. AT|
  Theese are named accordingly in the MUI config aswell.

  Set the IO_BAUD to 57600 aswell. If something fails, try a lower baudrate.

* Compile/save the config.

* Start up your node and you're off!

If you want more than 1 telnet node, all you have to do is to repeat this
procedure for each and every node you want, just remember to change the
IO_UNIT for each node. Telnet node 1 should have IO_UNIT 0 and telnet node 2
should have IO_UNIT 1 and so on.

1.440   DayDream BBS - Other Things You Should Know - Chat Mode

11-1 - Chat mode
~~~~~~~~~~~~~~~~~
When user is paging you, press CTRL-A to enter the chat. Otherwise, use
Amiga+- To exit chatmode, just hit <ESC>.

1.441   DayDream BBS - Other Things You Should Know - Making Stuff Resident

11-2 - Making stuff resident
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
The most of the included programs are pure. That means you can make them
resident, using "resident [program] pure" command. This makes the programs
start quicker and in some cases saves some memory too. If you're running
multinode system, then you should make at least DD-executable resident,
because you save over 100kb of memory per node.

DDHydra and Server are NOT residentable.

1.442   DayDream BBS - Other Things You Should Know - Multinode Chat

```
11-3 - Multinode chat
~~~~~~~~~~~~~~~~~~~~~~~
```
DayDream supports multinode chat that's supplied in distribution archive. It's
IRC-styled, but there aren't that many commands and it's not so complex as IRC
is. To use it, you'll need to run DDRcserver which is included in Utils/-
directory as it handles the communication between nodes.

1.443   DayDream BBS - InterNet

You can offer Usenet News and E-Mail access to users. At least following utils
are required (available at the aminet).

```
AmigaElm:
AmigaElm-v6.lha    comm/mail  356K   1+Mail-Reader (UUCP/Internet), v6 (6.24)

AmigaTin:
tin130beta.lha     comm/news  198K   5+TIN 1.3 PL0 Beta - *The* Newsreader

AmigaUUCP:
AmigaUUCP1_16.lha  comm/uucp  1.1M 140 UUCP for the Amiga, V 1.16
```

You'll need also an message editor, so your users can post mail also. There's
no software for that purpose in Aminet, but you can get one at least from my
board. (vised.lzx, conference 8).

1.444   DayDream BBS - Compatibility w/ /X

DayDream itself is not compatible with AmiExpress and it will never be. But,
there's XIM emulation, Userbase converters etc available in my BBS. They are
not included in distribution archive, because there could be a courtcase
between me and Hodge, because I am not planning to pay royalties for
Lightspeed technologies.

About 50-60% of doors work through DD's XIM emulation. In general, all doors
that don't use userbase, messagebase or filelists work.

There has been complaining because some commands are not the same in /X (or
should I say PCBoard???) and DD. This is because Tuomas went rebel while
designing DD. This is not a problem because you can configure the commands to
be equal. Just add this to your ExternalCommands.DAT section of configfile:

```
DOOR_COMMAND.. W
DOOR_TYPE..... 5
DOOR_SECURITY. 1
DOOR_EXECUTE.. A
+
```

```
DOOR_COMMAND.. A
DOOR_TYPE..... 5
DOOR_SECURITY. 1
DOOR_EXECUTE.. T
+
DOOR_COMMAND.. T
DOOR_TYPE..... 5
DOOR_SECURITY. 1
DOOR_EXECUTE.. L
+
```

1.445 DayDream BBS - Daily Updates

New version of DayDream BBS is always downloadable from Humanoid Invasion.
Use command GETDD to get the new version.

1.446 DayDream BBS - Strings

```
Strings
~~~~~~~
```

DayDream:Display/ directory contains file Strings.XXX, that contains nearly
all strings of the BBS. You can configure the outlook of your BBS or add
languages etc by editing these files.

You can also replace those strings with external door by replacing the
string with following syntax:
<ascii-255><external or internal command of dd>

Eg: ÿFREE
would run command FREE. (Command MUST be internal command of DD or specified
in ExternalCommands).

```
Some notes on string formatting codes
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

DayDream utilises standard exec string formatting codes. Here are a paste from
the exec.library/RawDoFmt function:

```
-------------------------------8<-------------------------------
  FormatString - a "C"-language-like NULL terminated format string,
  with the following supported % options:

   %[flags][width.limit][length]type

  flags  - only one allowed. '-' specifies left justification.
  width  - field width.  If the first character is a '0', the
     field will be padded with leading 0's.
     .     - must follow the field width, if specified
  limit  - maximum number of characters to output from a string.
     (only valid for %s).
```

```
  length - size of input data defaults to WORD for types d, x,
      and c, 'l' changes this to long (32-bit).
  type  - supported types are:
      b - BSTR, data is 32-bit BPTR to byte count followed
            by a byte string, or NULL terminated byte string.
            A NULL BPTR is treated as an empty string.
            (Added in V36 exec)
      d - decimal
      u - unsigned decimal (Added in V37 exec)
      x - hexadecimal
      s - string, a 32-bit pointer to a NULL terminated
            byte string.  In V36, a NULL pointer is treated
            as an empty string
      c - character
------------------------------8<------------------------------
```

Take a look in the strings file and you will find some of theese formatting
codes. This means you can configure absolutely everything concerning string
output in you'r BBS. (Even the mailscan! :-)

1.447   DayDream BBS - Multiple nodes

If you are using external serial card (MFC, GVP IO or similar) you may run
to troubles when using default settings. Serial drivers of those cards can
crash when DD is using DTR hangupping, so normal +++ATH hangupping is
recommended. To use +++ATH on node 1 run DD like this.

run daydream n1 h

1.448   Shareware notice

                    A note on Shareware

DayDream BBS is shareware.   Let me just take a few moments of your time to
explain this popular concept for those of you who are still unfamiliar with
it.

There are at least two forms of "free software". One is freeware, and as
you may have guessed, this means that the software is completely free of
any charges.   You may use it, copy it and do whatever you want with it,
without having to pay anything to the author.

Shareware is almost the same thing.   You are free to use and copy the
program as crazy as you want, but continued use of shareware software
requires registration.   That is, if you use the program frequently, you
must register it with the author. This usually entails that you have to
mail a couple of bucks to the author, who will then be extatic with joy and
probably send you something in return (his latest creation, for example).

However, most people still do not really do this. They continue to use
shareware programs without registering, because they know that nobody has
the authority to actually DO anything about it. As a shareware programmer,

you have very few means of physically enforcing the laws you are asking
people to obey, so therefore you rely entirely on the conscienceness of the
end user to actually register.

Unfortunately, consciencious users are an endangered species. It has
become very popular to simply take free software for granted, and this
abusement of the shareware concept is growing to be a real problem for
those of us writing shareware programs. We are only receiving a fraction
of what we should be receiving, and there's nothing we can really do about
it. Other than to stop programming, of course.

To make things worse, there are currently quite a few shareware programmers
giving the rest of us a hard time. They ask you to register, but when you
do, you never hear a word from them again. This is unfortunate, since any
first-time registree will be strongly discouraged from ever trying
something like that again.

Due to these facts, many programmers no longer release fully featured
versions their programs. In stead they release release "crippled" programs
that have some features disabled, or only work on a limited set of data.
They are usually called evaluation or demo versions. This is not only a
sad trend, but also disappointing for the end user who would of course like
to try the Real Thing before registering. However, I feel this tendency is
here to stay. Programmers are simply fed up with the overly relaxed
attitude people have towards shareware.

DayDream BBS is being released into the public domain in a crippled, but
freely distributable form. This version is useless over long periods of
time, but still allow you to try it out to its full potential, since no
features are disabled. The evaluation version differs from the registered
version in only one count:

· There is a time limit of ten (10) minutes for every connection.

   This constraint is relatively easy to live with, and will certainly
allow you to try out the program before
                registering
                .

   I want to
                warn
                 everyone using cracked/faked
keyfiles, they are dangerous.