

# **DayDream**

Antti Häyrynen

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**COLLABORATORS**

	<i>TITLE :</i> DayDream		
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# 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

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## 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 modifications 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 pseudo-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)

Reqttools.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 Morissette etc..

Amiga Music provided by:

- Dune/Orange, Blade/Subspace, Rob Hubbard, Somel&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 the 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 them. 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 ascicode 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<br>yy: Parameters                                                                        |
| ÿExx.yyy                 | - Permit printing xx: 01 = Conf access<br>yy: Parameters                                                                        |
| ÿG                       | - Turn more-prompts off                                                                                                         |
| ÿJ<path> <max value>     | - Shows random file. <Path> is a path and<br>prefix of filename. Postfix for file is a<br>number between 1 and <max value>. Eg. |

```

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

```

Example on yD-code:

```

-----
yDDayDream: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 compiles 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 whether 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 whether 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....

Ansi-code that will be used for the sysop's colour in the chat mode.

## 1.53 DayDream BBS - Main Configuration - USER\_COL

USER\_COL.....

Ansi-code 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 possibility for FTP transfers.

## 1.66 DayDream BBS - Main Configuration - GROUPLD

GROUPLD

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\_MAXMSG

BASE\_MAXMSG..

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 possibility 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...
        XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

        DOOR_CONFS2...
        XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

+
```

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.....

dhl:utils/lha -m -M T %A

ARC\_FAIL1.....

Failed

ARC\_FAIL2.....

-

ARC\_FAIL3.....

-

ARC\_FIDEXTRACT

dhl: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 transferring 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". Ansiocode 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..
```

```
XXXXXXXXXXXXXXXXX-----
```

```
SEC_CONFACC2..
```

```
-----
```

```
SECF_DOWNLOAD.
```

```
N
```

SECF\_UPLOAD...  
N

SECF\_READMSG.  
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\_PRIVATTACH  
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 thing in 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\_READMSG

SECF\_READMSG.

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\_PRIVATTACH

SECF\_PRIVATTACH

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

QUERY

QUERYN

CONFINFO

DOWNLOAD

UPLOAD

GETLRP

SETLRP

FLAGFILE

HANGUP

DDCOMMAND

RESETIDLE

RELOGIN

JOINCONF

CHANGMSGBASE

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 "XXXXXXXXXX\_\_\_\_\_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 - QUERY

QUERY [<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 occurred.

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 occurred.

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

OPENSSCREEN

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.

example:  
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 - OPENSSCREEN

OPENSSCREEN [node] - Open the screen of the specified node.

Example:

```
OPENSSCREEN 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 available 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)eleate         - 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 conference 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)earch 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
H) Uploaded       :      7097404 | 32        V) Scr Length    : 30
   Downloaded     :                0 | 0      W) Acc. Status   : Active

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 advisable 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 do 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. Exactly 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 linoise.

### 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 an extractor, 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:

```
BBSCCommand "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 these 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|
```

These 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: ýFREE

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 these 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

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I want to

warn

everyone using cracked/faked

keyfiles, they are dangerous.

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