

ar215

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REVISION HISTORY

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Chapter 1

ar215

1.1 Amiga Report Online Magazine #2.15 -- April 22, 1994

Turn the Page



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      d##      jN##      j##F     J##     _dN0"        "     d##
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      .0""N##   d"   ##L0  ##F    0##   0##      "9##F"    .0""5##
      .dF'    ]##   jF   ##0   ##F    ##F   `##k       d##   .dF'    j##
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```

International Online Magazine

"Your Weekly Source for Amiga Information."

Copyright 1994 Skynet Publications
All Rights Reserved

```

//
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%//%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% April 22, 1994                               \\ Issue No. 2.15 %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%//%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```

1.2 Amiga Report Main Menu

Columns and Features
News, Reviews, and More!

About AMIGA REPORT
Staff, Copyright information

Dealer Directory
Amiga Dealer Addresses and Numbers

Commercial Online Services
Sign-Up Information

FTP Announcements
New Files Available for FTP

AR Distribution Sites
Where to get AMIGA REPORT

```

// | | //
%%%%%%%%%//%%%%%| Amiga Report International Online Magazine |%%%%%%%%%//%%%%%%%%
%% \// | Issue No. 2.15 April 22, 1994 | \// %%
%%%%%%%%%%%%%%%%%%| "Your Weekly Source for Amiga Information" |%%%%%%%%%%%%%%%%%%
| |

```

The Editor's Desk	Amiga News	Dealer Directory
Distribution BBS's	Product Announcements	Reader Mail

SPECIAL FEATURES

```

Lament .....Mac Robinson
AmigaDOS Scripts .....David Tiberio
AR CoverDisk .....Jason Compton
The Chaos Engine .....Steve Cutting
compt.sys.amiga .....Jason Compton
Lynx and the WWW .....Robert Niles
%%%%%%%%%
%%

```

DELPHI

PORTAL

FIDO

INTERNET

%%

%%%%%%%%%

1.3 The Editor's Desk

%%%%%%%%%

```

%% The Editor's Desk                                     by
      Robert Niles
      %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```

You've asked for it ...you'll get it!

Quite a few of you out there have asked for more pictures within Amiga Report. So...it's a start but as you might have noticed, a few pictures have been added ...and we'll be adding more in the future. David Tiberio has been kind enough to help us out in setting up the installer for Amiga Report, and setting up the script that we are using to display the pictures. David has made the script to find out and run the picture viewers that you have on your system. This help us a bit since we won't have to worry and wonder how you have your system set up. Hence, there is a script, now included with AR called 'display.s'. Don't delete this, as AR is set up to find this. Give me feedback on how you like it.

Also Jason Compton will be organizing and distributing a "CoverDisk" for Amiga Report. Since we don't want the size of the magazine to increase dramatically, we are doing this seperately. Read the announcement, and let us know what you think!

In the meantime, I'll let you get on with your reading!

1.4 Delphi

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%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%      Delphi Internet Services -- Your Connection to the World!      %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```

Amiga Report International Online Magazine is available every week in the Amiga SIG on DELPHI. Amiga Report readers are invited to join DELPHI and become a part of the friendly community of Amiga enthusiasts there.

SIGNING UP WITH DELPHI

=====

Using a personal computer and modem, members worldwide access
DELPHI services via a local phone call

JOIN -- DELPHI

Via modem, dial up DELPHI at 1-800-695-4002
then...

When connected, press RETURN once or twice
and....

At Username: type JOINDELPHI and press RETURN,
At Password: type AMIGAREPORT and press RETURN.

DELPHI's best plan is the 20/20 plan. It gives you 20 hours each month

for the low price of only \$19.95! Additional hours are only \$1.50 each!
This covers 1200, 2400 and even 9600 connections!

For more information, and details on other plans, call
DELPHI Member Services at 1-800-695-4005

SPECIAL FEATURES

Complete Internet connection -- Telnet, FTP, IRC, Gopher, E-Mail and more!
(Internet option is \$3/month extra)

SIGs for all types of computers -- Amiga, IBM, Macintosh, Atari, etc.

Large file databases!

SIGs for hobbies, video games, graphics, and more!

Business and world news, stock reports, etc.

Grolier's Electronic Encyclopedia!

DELPHI - It's getting better all the time!

1.5 Editor

%%
%% EDITOR %%
%%

Robert Niles

Portal: RNiles
FidoNet: 1:3407/103
Internet: rniles@hebron.connected.com
Fax: 509-248-5645
US Mail: P.O. Box 8041
Yakima, Wa 98908

1.6 Emulation Editor

%%
%% EMULATION EDITOR %%
%%

Jason Compton
Internet: jcompton@tcity.com

1.7 European Editor

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%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%                               EUROPEAN EDITOR                               %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```

Jesper Juul
 Internet: norjj@stud.hum.aau.dk

1.8 Amiga Report Mailing List

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%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%                               Amiga Report Maillist List, the WWW, and Aminet                               %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

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AR Mailing List
 ~~~~~

No Official Amiga Report Distribution Site in your local calling area? Are you tired of waiting for your local BBS or online service to get Amiga Report each week? If so, have we got a deal for you!

If you have an internet mailing address, you can receive Amiga Report in UUENCODED form each week as soon as the issue is released. To be put on the list, send Email to rniles@hebron.connected.com. Your account must be able to handle mail of any size to ensure an intact copy. For example, many systems have a 100K limit on incoming messages.

Many thanks to PORTAL Communications for setting this service up for us!

P.S.: Please be sure to include your Email address in the text of your request message, it makes adding it to the list much easier. Thanks!

\*\* IMPORTANT NOTICE: PLEASE be certain your host can accept mail over \*\* 100K! We have had a lot of bouncebacks recently from systems with a \*\* 100K size limit for incoming mail. If we get a bounceback with your \*\* address in it, it will be removed from the list. Thanks!

~~~~~  
 World Wide Web
 ~~~~~

AR can also be read with Mosaic (in either AmigaGuide or html form). Reading AmigaReport with Mosaic removes the necessity to download it. It can also be read using programs found in UNIX sites such as LYNX.

Simply tell Mosaic to open the following URL:  
<http://www.cs.cmu.edu:8001/Web/People/mjw/Computer/Amiga/AR/MainPage.html>

Mosaic for the Amiga can be found on Aminet in directory comm/net, or (using anonymous ftp) on max.physics.sunysb.edu

Mosaic for X, Macintosh(tm) and Microsoft Windows(tm) can be found on ftp.ncsa.uiuc.edu

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Aminet

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To get Amiga Report from Aminet, simply FTP to any Aminet site, CD to docs/mags. All the back issues are located there as well. (ftp.cdrom.com or ftp.wustl.edu are two sites)

## 1.9 Amiga News

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%  
%% Amiga News %%  
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

INOVAtronicS announces EDGE  
~~~~~

EDGE Professional Text Editor Version 1.721

Retail Price US\$99.95

EDGE is a powerful and easily configurable text editor for writing and editing common ASCII text files. Uses include editing AmigaDOS batch files (such as the Amiga's Startup-Sequence), as a "front end" editor for Desktop Publishing programs, and as a source code editor for various programming languages such as C or ARexx. EDGE is desirable for any project where a conventional word processor would embed unwanted, invisible formatting codes in your text. Toaster users will find EDGE a perfect companion to Directory OPUS and great for tweaking those Lightwave render files.

EDGE Feature List

- May open unlimited number of files (limited only by memory).
- Allows unlimited number of windows per file.
- Real-time update of a file's windows.
- Files may be saved with Snapshot which maintains the local editing environment in the icon for the project.
- Extensive AmigaGuide on-line help everywhere.
- Powerful undo and redo feature.
- EDGE's custom screen is public, allowing other applications to exist its screen.
- Can open on the Workbench screen, or on any application that uses a public screen.
- User definable fonts.
- Has the ability to hide sections of text inside "folds". Folds can be nested.
- Unlimited amount of ErrorMarks and IMarks, 10 BookMarks, one AutoMark.
- When EDGE is running, it opens a device much like a "RAM Disk". This device works just like any disk on the WorkBench, inside Directory OPUS, or when named in a shell.
- User definable menus, user definable keyboard layout, all texts, messages, errors, prompts, titles, etc., are completely definable.

- Fast search and replace.
- Powerful, well integrated ARexx support with a rich set of editor ARexx commands, as well as a macro recording facility.
- You may Iconify and deiconify EDGE via window gadget or hotkey.
- Many Search/replace commands.
- Backup-system supports auto-numbering and handling of multiple backups per file.
- All config files and startup scripts may be overridden and startup using special keywords or tooltypes.
- Wordwrap with user definable right border.
- Autosave via user definable timer (in minutes). You can also define how autosave works
- Two clipboards, one local to the current file and one global which is shared by the whole Amiga.
- Powerful printing system. User definable printer device, header and footer files, etc.
- Each file has a user definable local environment that may be saved with the file in the icon.
- The EDGE global environment, which effects all EDGE files, is also controlled with a point and click requestor. The entire environment can be controlled from ARexx.
- The user may elect to use either the Commodore standard ASL FileRequestor or the EDGE built-in requestor.
- All EDGE requestors may be user positioned or pointer relative.
- EDGE task priority is user definable, as are the ARexx-console and the time delay to wait before closing the ARexx-console.
- The EDGE icon toolname is user definable and so is the EDGE project icon.
- The status line may be either in the top or the bottom of the window, ink and paper colors are user definable.
- The EDGE text windows can have 'autofunctions" attached to them: bring a window in front of all other windows at activation, zoom window at deactivation, unzoom window at activation, adjust window size to even chars when the window is resized.

Contact INOVAtronics for more information on EDGE or other exciting products.

INOVAtronics Inc.
8499 Greenville Ave.
Suite 209B
Dallas, Tx 75231

Voice: 214-340-4991
FAX: 214-340-8514

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The Amiga/Japanese Mailing list

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The Amiga\_jp-list mailinglist is devoted to dicussion of Japanese computing issues on the Commodore Amiga computer. Topics are not

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restricted and may include anything from the Amiga in Japan as well as programming for Japanese on the Amiga.

Discussions are welcome in any language. The moderator of this group can speak English and Japanese (and a some French:) but feel free to post in whatever language is most convenient.

This list is maintained by James Miller and may be contacted at:  
jamiller@neko.ec.t.kanazawa-u.ac.jp

To subscribe to this group send a mail message to

"jamiller@neko.ec.t.kanazawa-u.ac.jp"  
with  
"Amiga\_jp-list"

in the Subject: line of your post. In the body of your message type

"SUBSCRIBE Amiga\_jp-list <your.user.name@your.host.name>"

You will be automatically added to the mailing list. From then on any mail directed to the mailing list should be mailed to:

jamiller@neko.ec.t.kanazawa-u.ac.jp

with Amiga\_jp-list in the subject line.

James Miller  
Coordinator for International Relations  
Ishikawa International Culture Exchange Center  
jamiller@kitune.ec.t.kanazawa-u.ac.jp

=====

Xenomiga Technology announces XENOLINK 1.90  
~~~~~  
Next Generation Professional Bulletin Board Software
Copyright =A9 1990-1994 Xenomiga Technology

The principle upon which Xenolink has been designed:

"If a QuickSort in C is faster than a Bubble Sort in Assembly Language, then let Xenolink be the QuickSort in Assembly Language."

It has been a year since the last release of Xenolink; Version Z.3a.

In that year, Xenolink has been redesigned and completely rewritten, to incorporate the features that users have requested, and to support more ambitious features, some of which are already under development.

Xenolink's efficient new architecture is now faster and more compact than ever.

The changes are obviously far too numerous to list, but a brief synopsis of the areas affected is listed below:

- o Attractive AmigaDOS Release 2 interface

- o Vastly enhanced security features
- o Improved door support
- o Completely redesigned FidoNet support
- o Decrease in the already low usage of memory and disk space
- o Even faster operation than before

Xenolink 1.90 has been tested as never before, by countless beta testers with setups ranging from Amiga 500's to 4000's, 68000's to 68040's, CD-ROMs, FAX-Modems, HST 16.8k modems, Point hosts, Network hubs, multi-line systems - the list goes on.

Overview

- o Designed and written for AmigaDOS Release 2 and above
- o Superlative reliability
- o Very easy to use
- o Attractive interface
- o State of the art software design and system architecture
- o Full multi-line capability
- o Configurability to an almost sinful degree
- o Foreign language support
- o Highly efficient use of memory and disk space
- o Optimised high speed performance
- o Object Oriented library and door interface
- o Full XPR (External Protocol) support
- o Low CPU usage
- o Supports all serial cards and all baud rates
- o Uses Commodore's (GUI) Installer program for easy installation
- o Mature software; large amount of third party Xenolink software available
- o Large private support network linking together hundreds of Xenolink owners with Xenomiga Technology

Base Software Architecture

- o Xenolink Resource Handler controls access to all Xenolink resources
 - Avoids unnecessary disk activity if a resource (such as a message base or file area) is in use by more than one process
 - Crash protection; if a door crashes or hangs a Xenolink node, system data files and log files are preserved, even on the node that crashed
 - Automatic resource preloading enables Xenolink to asynchronously open files before they are required, thus reducing the bottleneck caused by disk activity
- o Memory usage
 - Dynamic memory and resource allocation
 - Xenolink and its accompanying utilities are residentable (extremely low memory usage for multiple nodes)
 - Extensive use of xenolink.library shared library routines
 - All executables are very compact (needless compiler overhead eliminated)
- o Disk space usage
 - Two files per message area, for unequalled speed and compactness

- Three files per file area
- Compact user data files
- Real-time data compression used on compiled nodelist
- Xenolink's compact data files have numerous advantages:
 - o Very high speed operation due to the small number of files used
 - o Minimises disk fragmentation
 - o Data files are easily archived
 - o Makes backing up very easy (very few files to back up)
- o Speed
 - Very fast implementation of fast algorithms (both are important!)
 - Enhanced Global Quick Indexing (EQDX) algorithms enable virtually instantaneous location of any file catalogue entry or user
 - Written in C and assembly language, using SAS/C Version 6
 - Any area requiring speed has been written directly in assembly language; this includes:
 - o Screen/modem i/o
 - o Mail processing parsing and i/o
 - o Searching
 - o Sorting
 - o Hashing
 - o Semaphoring
 - o CRC checking
- o Ease of use
 - Only a few assign statements required
 - o Xenolink does not require you to add countless assign statements to your startup-sequence
 - o Location of all directories specified in "dir.config" file
 - Separate configuration files, stored in a single directory:
 - o General/global configuration options
 - o Node configuration
 - o Message bases
 - o File areas
 - o User access templates
 - o Bulletins
 - o Archivers
 - o External protocols
 - o BBS text
 - o BBS entry points
 - o Access restrictions
 - FidoNet configuration files stored in a separate directory:
 - o Node security (password, default protocol, archive type, send type)
 - o Nodelist configuration
 - o NetMail routing and forwarding
 - o EchoMail area configuration (origin lines, feeds, passthrough areas)

Sysop Interface

- o AmigaDOS Release 2 interface
 - o Different fonts (and different point sizes) supported.
 - o Pulldown menus and keyboard shortcuts
 - o Font/Overscan preference aware; most Xenolink screens size
-

- o themselves to the largest size configured via AmigaDOS preferences
- o Automatic screen centering
- o Xenolink front end can open on any public screen
- o Can display all 256 characters in any font, including the international character codes 128-160, which cannot be displayed by the standard Amiga console or CLI
- o Full 16-colour high intensity ANSI support, on both the local screen and remote
- o Supports many IBM PC ANSI extensions not supported by the Amiga console, such as cursor save/restore
- o System configuration is stored in text files, for easy editing with either a text editor of your choice, or a Xenolink GUI program
- o Can change resolution and colours of screen while node is running
- o Up to 5 "favourite" resolutions/bitplanes can be stored for easy point-and-click retrieval

Security

- o Logging of all node activity
- o Xenolink can automatically inform a user via mail whenever an illegal access attempt is made on his account; the user will be told the passwords used
- o User passwords are stored in the user file using a non-reversible encryption algorithm, so that if a hacker ever does manage to steal your user files, user passwords will be indecipherable
- o New user procedure requires that user passwords are at least 8 characters long and include both letters and numbers, to hinder brute force dictionary based decryption attempts. New user procedure written in AREXX so this feature can be altered or disabled
- o Xenolink mail processor ensures that only specific systems can write mail in certain areas; Xenolink automatically sends a message to the system operator whenever a system attempts to illegally write mail
- o Packet level passwords used; Xenolink also protects against mail packets using an incorrect packet password (this feature can be disabled for individual nodes)
- o Xenolink FidoNet mailer logs illegal connection attempts, as well as the password used by the remote system
- o Password protection of any menu command
- o Xenolink prevents co-Sysops from moving messages/files from areas in which they could not edit/delete them, into areas in which they can
- o Registration file and log files are locked while Xenolink is running, to hinder hackers
- o Built-in protection against the mail unpacking hack which afflicted many Amiga BBS programs
- o Xenolink is shipped with Xenomiga Technology secured versions of UNARJ and PKAX
- o Protection against remote file transfers which attempt to send over complete device/path names or wildcard characters
- o Individual BBS lines can be configured to allow/prohibit logins/uploads/downloads from users at specified access levels/ baud rates at specified times

Node

- o Each node can be set up differently

- Verbosity of logging
- FidoNet-compatible address list
- Can specify different screen parameters for each modem connect string as well as for local logins:
 - o Resolution
 - o Colours (2, 4, 8, or 16)
 - o Interlace
 - o Font (any point size)
- Can also provide up to 5 other "favourite" screen resolutions which can be selected while the node is running

- o Xenolink front-end
 - Displays recent caller list with call statistics
 - Displays system statistics
 - Displays information on and activity of user currently online
 - Caller information on the last 80 callers is preserved on disk
 - Gadgets to
 - o Login locally
 - o Drop carrier on user online
 - o Open or bring node screen to the front
 - o Iconify front end
 - o Go to stealth mode
 - o Poll FidoNet system
 - o Set Sysop chat availability
 - o Take node offline temporarily (without exiting)
 - o Set open-screen status
 - Easy one touch (F1) login

- o Compact mode dispenses with the front end display, and shows node activity in a small window on any public screen you select (such as the Workbench)

- o Stealth mode dispenses with all displays, and allows a node to run invisibly in the background

- o ListNodes utility displays activity on all nodes in operation

- o FAX-modem compatibility
 - Xenolink can be configured to recognise incoming FAX calls, and to transfer control to a FAX handling program (such as GPFax)

Doors

- o Full CLI door support
 - Any program that runs in your CLI (shell) can be run as a door
 - Does NOT require the use of fifo.library or custom handler files

 - o DOS Shell feature allows the CLI shell to be run within Xenolink

 - o AREXX interface
 - Complies with the ABBEREXX door standard
 - Supports many commands used by other BBS programs
 - Many Xenolink specific commands

 - o Can run many Paragon/Star-Net doors
-

- o Xenolink doors run in the same task context as Xenolink itself:
 - Eliminates task context switching
 - Door interface provides direct hooks into Xenolink functions
- o Xenolink's shared library (xenolink.library) provides an easy to use Object Oriented Interface for door programmers:
 - Complete access to users, messages, the file catalogue, system configuration, linked lists, node operations, tilde codes, etc.
 - Doors may initiate file transfers, send messages to other nodes, etc.
 - Doors which use the Xenolink library routines extensively are often as fast as Xenolink
- o Internal BBS commands can be replaced by external modules

Messaging

- o Independent access flags per user per message area, including:
 - View
 - Read
 - Write
 - Forward
 - Delete mail to self
 - Delete mail from self
 - Delete any mail
 - Sysop
- o Users are notified of mail sent to them
 - User's "waiting mail" file automatically updated if user not online
 - Node message automatically sent to user, if user online
 - Users informed of all waiting mail, upon login
- o Message headers can be searched in a variety of ways:
 - To self
 - From self
 - To or from self
 - To any user
 - From any user
 - To or from any user
 - Subject text
 - To or from any user, or subject text
 - To or from any user, or subject text, and message body text
- o Message headers can be searched forwards or backwards
- o Since all messages are stored in numeric order, and in only two files, all search operations execute at very high speed
- o Wildcard matching, text string searching

Files

- o Independent access flags per user per file areas, including:
 - View

- List
 - Upload
 - Download
 - Free downloads
 - Move
 - Edit
 - Kill
 - Sysop
- o Descriptions can be of any length
 - o Up to 255 directories may be attached to a single file area
 - o Files can be catalogued or searched in many ways:
 - Forward alphabetically
 - Reverse alphabetically
 - Forward chronologically (oldest first)
 - Reverse chronologically (newest first)
 - All files newer than a particular date
 - Text substring search of file names and descriptions
 - Wildcard search (#, ?, *) of file names and descriptions
 - Extremely quick operation
 - o View files online
 - Can display text files online
 - Can be configured to view the contents of any type of archive
 - o Integrity testing
 - Can be configured to test any type of archive
 - Uploaded files which fail the test can be automatically moved to a specified "bad files" area
 - o Zmodem upload resume
 - Supported for both BBS transfers and FidoNet transfers
 - User can resume the upload at a later login session
 - Upon login, user is reminded of any waiting unresumed uploads
 - o Complete XPR support:
 - Allows different parameters for send and receive
 - Allows specification of throughput for each protocol
 - Support for batch and upload-resumable protocols
 - Xenolink is shipped with the following:
 - o Xmodem Checksum
 - o Xmodem CRC
 - o Xmodem 1K
 - o Xmodem 1K-G
 - o Ymodem
 - o Ymodem-G
 - o Zmodem
 - o Zmodem 8K
 - o Automatic ZSKIP sent if user attempts to upload a duplicate file with Zmodem
 - o Files can be marked by number/number ranges
 - o Powerful mechanism for attaching files to messages (to users)
-

- Message author automatically notified when files are downloaded
- Downloaded files can be deleted automatically

Users

- o Up to 256 access levels/user templates
- o User aliases/handles supported
- o Easy generation and storage of user questionnaires
- o Utilities provided to globally affect user attributes, or message/file area access, by access level
- o User selectable use of ANSI to compress consecutive space characters
- o User selectable, highly responsive hot key capability
- o Powerful command line editing using ^A, ^F, ^X, ^K, and cursor keys

Networking

- o Xenolink comes complete with its own integrated mailer and mail processor, and requires neither expensive add-ons such as TrapDoor, nor slow third party mail processing software
 - o Xenolink's integrated mailer supports:
 - FTSC-1
 - YooHoo/Wazoo
 - EMSI
 - Zmodem
 - Zmodem 8K
 - SEALink
 - TeLink
 - Modem7
 - o Support for external mailers
 - Uses same 4D file name conventions as TrapDoor
 - Uses same flow control codes as TrapDoor
 - Can easily switch between using TrapDoor and Xenolink's mailer
 - Can spawn a Xenolink login session on any existing serial connection
 - o Integrated mail processor:
 - Single-pass operation
 - o Very high speed processing of mail
 - o Eliminates the necessity of storing network information such as SEEN-BY and PATH lines (this feature can be turned off so that network control lines can be optionally displayed)
 - o Easy support of passthrough mail areas
 - 4D support
 - Point support
 - o Can use 4D method or 2D pointnet
 - File sending/attaching
 - Highly advanced and secure routing and forwarding features
 - Automatic message dupe checking
 - Automatic message reply linking
 - o Nodelist compiler
 - Nodelist compiler uses real-time data compression
-

- Pointlists supported
- o As many AKA's as you wish
- o Full support for RLO type external file request (Freq) handlers
- o Multiple NetMail areas
- o Multiple origin lines permitted per message area
- o Multiple addresses permitted per message area
- o Large number of third party Xenolink FidoNet software available including the following highly popular programs:
 - AreaFix
 - Hatch
 - Tick
 - FileFix

Configurability

- o New user application script written in easily-modifiable AREXX
- o Almost all text strings can be configured for each menu set.
 - Version 1.90 has more than 3 times the number of configurable strings than version 1.0 Z.3
 - Even the message headers are now completely configurable!
- o Special control sequences can be embedded in text files and prompts, to insert almost any type of system data, and even perform if/then type logic
- o Multi-language; up to 256 different languages/menu sets supported
- o Almost all prompts requiring keypresses can be configured individually for each menu set; for example:
 - Y/N for Yes/No
 - O/N for Oui/Non
 - J/N for Ja/Nein
 - H/I for Hai/Iie
 - etc.
- o Can use a screen font designed for your language, as mentioned above

Version 1.90 is now available, and includes an all-new completely rewritten 315 page hard cover manual.

Xenolink costs US\$ 150, plus US\$ 15 shipping and handling. To place an order, send cheque or money order for US\$ 165 to the address below. For more information, write to the same address:

Xenomiga Technology
1132 Bay Street, Suite 1101
Toronto, Ontario
M5S 2Z4
Canada

Inside AustralAsia, XenoLink is available only from :-

Sidecar Express BBS
Sysop: Brendan Pratt
(075) 463 252
300-14400/v32bis + ZyXEL 19200
FidoNet 3:640/463
AmigaNet 41:400/463

Voice : 015 143 696

Current price is \$280 plus \$20 courier delivery throughout Australia.
Credit Cards welcome.

=====

SHAREWARE REGISTRATION COMES TO AUSTRALIA

~~~~~  
Amiga users have often found it difficult to register the latest and greatest program available for their computer. Many of the authors are in out of the way places, such as Germany, Scandinavia or the USA. As you can expect, many have been reluctant to send money, not knowing whether they will get what they were after in return. This has now changed..

Continental Drift BBS in Sydney, Australia has recently expanded its scope of Amiga support.

We have recently added a Shareware Registration section to the BBS, and invite all Australian Amiga Users to come and have a look.

Currently, the programs that can be registered at this site are:

- DASModPlayer - A great Pro-Level ModPlayer by Pauli Porkka.
- MagicUserInterface - Allowing users to change the look and feel of their programs
- MagicWB - Which has made the Amiga Workbench, one to be envied. If you haven't seen this, you haven't seen anything!

If you are interested in registering your copy of the above programs and live in Australia or New Zealand, then drop us a line, preferably by Email

CONTINENTAL DRIFT BBS  
Shareware Registration  
PO Box 259  
Newport NSW 2106  
Australia

Or call the BBS on:

+612 949 4256

---

Or myself:

Andre Lackmann 76711.710@compuserve.com  
FIDO: 3:714/911

Also, any shareware authors out there looking for a wider audience, we will be happy to act as registration site for your programs. Contact us at the above addresses.

### 1.10 Lament

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%  
%% Lament by Mac Robinson %%  
%% Mac\_Robinson@comnet.cbmtor.gts.org %%  
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

This is an emotional weekend; this is the last weekend that my 'pride and joy' will sit alone on it's table. Next weekend it will share the space with a bright shiny new... PC-Clone. We sit here alone, this last Friday night, Ami- and I, and I think of all of the times that we have shared in the last 8 years. It has certainly made me laugh enough, and cry enough, and sometimes pull at my hair, but we have been lots of places, the old girl and me.

I remember when I brought it home the first time. The monitor had a bashed in corner so it was quickly replaced with another, though this one's tube was cock-eyed a quarter-inch low on the right side, and is so to this day. Like a cleft chin or curled lip it just added more character to this thing that has occupied so much of my time since then. There was the neat trap door, right there on the front for all to see, that actually let me double the memory to a wiz-bang 512K!

The games were great, too. Some of them are only a memory, though. They don't like the new WorkBench, but that's OK, they were great while they lasted. Then there were the pieces of software that actually let me do something constructive. Textcraft, then Textcraft Plus... there would be no end in sight when I could play a game if I tired of writng a letter. Now, if I'd had a proper Amiga printer driver back then that would really have been something! I could have printed it out, too! Then we added a second disk drive; that was really something. Talk about convenience! Then a modem; wow, so much software just a phone call around the continent away. Soon after it was time to add even more storage space so a hard drive was in order. By that time the Amiga 1000 was peacefully at rest in the Commodore Home for the Orphaned so an A500 came home to us one day. The Amiga 1000, but not the monitor with the lop-sided grin, was sacrificed to a long-necked kid who had a Vic-20 or C=64 or something and to whom the heady brew of an Amiga 1000 was almost intoxicating. I ran in to the kid some time after that and found out that my old sweetheart had been in a couple of homes after his. If it were ever to come around this way again there would be room here, kind of like a resting home or some such. I still think about that trap door on the front.

The flood of cool software from Europe was followed soon after, though

PAL and NTSC was something that needed to be mastered with software hacks and boot disks and a hard-to-find screw on the back of that silly monitor and such. Inconvenient, to say the least, and it started to add to the price we were beginning to pay for this great machine. At least, we knew it was great, even then. Because we had paid the price of admission, the price of purchase, to find out. After all, Commodore tried to keep it a secret, didn't they?

How many of us old-timers have heard "Commodore Amiga? That's like a Mac, isn't it?" That used to irritate me then, but I understand now. Later in the week Ami- will slide down the table to the end. The PC-Clone will occupy the place where I can look up and out the window to see the kids playing. When they come in and ask to play on the computer it will be the Amiga they are talking about, I know. This new computer with the funny icons that Dad is so busy at won't scare them as much their father, though they'll be wondering why he's cursing the windows so much. I'll keep the old VCR hooked up to the old crooked monitor, too. That way I can watch TV while working at the new computer. That's kind of like multi-tasking, isn't it?

And my first piece of software? Well, it will be 'Flight Simulator 5'. Flight Simulator II was one of the first pieces of software I had on the Amiga and I figure that it started me on an interesting journey, in more ways than one. So, I will start out from the same place as I did before, though this time in a different direction. I will look over my shoulder many times at first, though it will become less and less as time goes by.

What a shame.

Regards,

A. M. Robinson

## 1.11 Creating AmigaDOS Scripts

```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% Creating AmigaDOS Scripts                                     by David Tiberio %%
%%                                                              dtiberio@libserv1.ic.sunysb.edu %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```

Creating AmigaDOS scripts is easier than you might think. Variables can be passed to scripts, files can be executed, and simple structures can be created. Hopefully this will introduce you to some basic script abilities without covering too much at the same time. And remember that the best way to learn is to practice programming your own.

An AmigaDOS script is basically a collection of AmigaDOS commands with the addition of variables, labels, and script-specific commands. One of the most important uses of scripts is to simplify repetitive tasks. For example, I use my scripts almost exclusively with programs like Directory Opus which can feed filenames and parameters to my scripts.

- PARAMETER PASSING -

The first line of the script, when passing parameters, uses the ".key" command, followed by a list of variables. This might look like this:

```
key parameter1, parameter2, parameter3
```

To access the parameters, place them within <> brackets, such as <parameter1>. This will replace that variable with the item passed to the script. The following script is used with EdPlayer to load music modules from Directory Opus and then play them with a separate gadget. Notice how the infile parameter is used in "sys:c/telled JUKE <infile>". This uses two programs. First, it runs Edplayer (by Ed Mackey) in the background, and then the Telled command that comes with Edplayer.

```
key infile/a
```

```
run sys:c/edplayer -h          ;run edplayer in the background
sys:c/telled DCOL 4
sys:c/telled PALM             ;set it for PAL mode
sys:c/telled AUTO 3
sys:c/telled JUKE <infile>    ;load the module passed to the script
sys:c/telled NEXT            ;start playing the music
```

The advantage of these types of scripts is that I can select hundreds of music modules with one mouse click (in Directory Opus) and then select my JUKE gadget which passes each file to the script, one at a time. In my existing script, the last line is remarked out so that the music does not play while loading in each new file. A separate button is used.

- IF EXISTS -

Here is a line that is probably in your s:startup-sequence. In fact, don't ever change it... the Installer expects it to be there, and may create a new one if it is not found exactly as originally printed. This could cause your s:user-startup sequence to be executed more than once during booting!

```
if exists s:user-startup      ;check to see if "s:user-startup" exists
  execute s:user-startup      ;execute "s:user-startup" if it exists
endif                          ;must end every IF statement
```

The IF command cannot be used from the command line. Otherwise, AmigaDOS reports the error "Must be in a command file".

- REDIRECTION -

Many files do not detach from the command line. In the event that this happens, execution of your script may halt. There are a few ways to avoid this. One simple way is to redirect the output to the NIL or NULL device. For example, try this command which displays a message to the command line.

```
echo "Hello, world!"
```

This will redirect the output using the > symbol:



echo "Hello, world!" >NIL:

The NIL: device should be available on all systems, while the NULL device is available in the public domain.

- DETACHING FROM THE COMMAND LINE -

You can detach commands from the shell by using the Run command or the public domain Runback program. This should allow you to continue running other programs in the same shell, or write scripts that do not halt when each file is executed. In some cases, the shell window will still not be able to close even though the command line is free.

- WAITING -

Another program that was commonly used on floppy based systems is the Wait command. This causes the shell or script to wait for a specified number of seconds, allowing other tasks to finish executing. It can also be used for timing. For example, I did a demo at the World of Commodore in Toronto which displayed various movies and companies that used the Amiga worldwide. In my demo, I used the Wait command to determine how long to wait before a music module would be played or before images would scroll up the screen. Unfortunately I only had 2 weeks notice, so it crashed every 90 minutes or so. :)

wait sec=10 ;waits for ten seconds
wait min=2 ;waits for 2 minutes
wait until 19:02 ;waits until 7:02pm before continuing.

As Edward Cayce might say, that is all for the present...

dtiberio@libserv1.ic.sunysb.edu

### 1.12 AR Coverdisk!

Amiga Report Coverdisk! by Jason Compton
jcompton@tcity.com

Ok, not really. Well, sort of. Let me explain.

What we here at Amiga Report want to do is this: Every month, in much the same fashion and style as Amiga Report, we will compile and send out a "coverdisk" of sorts, featuring software selections from just about anywhere we can get it: new FTP releases, old favorites, game demos, or maybe even those "exclusives" that the big European magazines seem

to get.

It would be distributed along Internet and (hopefully) the same AR FIDO distribution system we have going. Since I'll be coordinating it, the channels may not be identical to the AR magazine, but I'll do my best to keep it faithful.

What is your role in all of this? Well, to start with, tell me if you think it is a good idea. At the moment, I'll be using this E-mail account to handle all mail. On FIDO, Talk City is 1:115/372,0. Let me know if you're interested in getting on the mailing list.

I'm targeting late May to mid June as the first release. Please get the word out on this and respond.

(Incidentally, I'm more than willing to take submissions from all interested...)

## 1.13 UseNet Review - The Chaos Engine

```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% UseNet Review - The Chaos Engine, CD32 version      by Steve Cutting %%
%%                                                    steve_cutting@guru.apana.org.au %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```

### PRODUCT NAME

The Chaos Engine, CD32 version

### BRIEF DESCRIPTION

1 or 2 player run-around shoot'em up game with a top-down view and 8-way scrolling.

### AUTHOR/COMPANY INFORMATION

Name: Bitmap Brothers/Renegade  
 Address: C1 Metropolitan Wharf,  
           Wapping Wall, London  
           U.K. E1 9SS

### LIST PRICE

I don't know the list price, but I paid 19.99 U.K. pounds for it from a mail-order company.

### HARDWARE REQUIREMENTS

CD32 (PAL or NTSC)  
 Television or monitor

1 or 2 control pads (or Amiga joysticks)

#### COPY PROTECTION

None that's noticeable to the user.

#### REVIEW

The plot behind this game is basically the same as every other shoot'em up ever released. There's a big nasty doing big nasty things and it's your job to stop them. In this case, the "nasty" in question is the Chaos Engine, a powerful machine that's gone haywire and is generally causing a nuisance to everyone. When you boot up the game, you get a short animated intro explaining all this, and it's backed up by a full CD soundtrack with narration. Very nice indeed. Now on to the game itself....

When you start the game, you can select between 1 or 2 player modes. In the 1 player mode, the second character is controlled by the computer, so you always play this game as a team even if no humans want to play with you. :-) At this point, you can restore an old game by entering a password, or start a new game. I'll talk about the password system a bit later. When you start a new game, you are presented with a character hiring screen. You start off with a certain amount of money and must hire a character to use. There are 6 characters in all, each having individual strengths and weaknesses (strength, speed, etc.) and special abilities. With that done, it's off to take on the nasties.

The game is split into 4 worlds, each with 4 levels. The action is viewed from above and at an angle which lets you see the front of the characters and nasties. Your job is to kill as many nasties as possible and find your way to the exit of each level. Before you can get out, though, you must activate "nodes" that are scattered around the levels. These are tower-like things, and you activate them by just shooting them. Once you've activated all the nodes, the exit (or exits) will open. On most levels, there's actually more than one exit, and each one will cause you to start from a different place on the next level.

When you shoot a nasty, it'll leave behind a coin which you can pick up and add to your bank balance. There are also coins laying around on the ground to be picked up. Other things you can pick up include: weapon power-ups, keys that open doors and secret passages, food (for restoring energy), extra lives, etc. etc. There's more than one way of finishing most levels; in fact, there are often alternate routes which lead you to heaps of bonuses (and usually a swarm of nasties as well)! :-)

At the end of every 2 levels, you are taken to the Shop screen. Here you can buy all sorts of goodies to improve your characters' performance. Things you can buy include: health, speed, weapon power-ups, lives, special weapons, and more.

The end of the last level takes you to a showdown with the Chaos Engine. (Surprise, surprise. :-))

When your game ends, you are given a password which allows you to

---

restart at the beginning of the world that you were up to. The way this password works is bit different from other games, and it is great. When you restart with a password, you start at the shop screen with the total amount of money that you had collected during the last game. You can then re-buy all your weapons etc. or choose to buy something else instead. This is great because you can try different tactics: for instance, starting with heaps of lives, or starting with MEGA guns. :-)

#### DOCUMENTATION

The CD sleeve contains a brief introduction to the game. Full instructions are provided on the CD in English, French, German and Italian. They are very nicely presented as a series of pages which you flip through with the controller.

#### LIKES

Superb gameplay. This game just feels great! This is a game which has been thoroughly play-tested, I simply cannot fault it in terms of playability.

The password system is the best I've ever seen.

The 2 players' characters can walk through one another. While this isn't exactly realistic, it does make the game more playable.

The background graphics are excellent. They have enough detail to make them interesting, but not enough to make it difficult to see what's going on. The sprites are nice and colourful. The 6 player sprites look great, they're really well drawn and each have their unique character. Also, the introduction animation is quite good (although short).

The CD music tracks on the title and between-level screens are fabulous. Also, the CD sound effects during the game are very well done and add lot of atmosphere. Music in the game itself is Amiga-based, but is still very atmospheric because it changes depending on where you are in the level. For instance, as you approach the exit the music builds up to make it a bit more tense. Sound effects are also excellent. The nasties have all sorts of weird (but appropriate) noises, and there's a bit of speech too.

Basically, the overall look and feel of this game is superb.

#### DISLIKES AND SUGGESTIONS

The action does slow down noticeably when there are a lot of objects on screen. This suggests to me that the programmers have just added the new AGA graphics to the code from the Amiga version, instead of re-writing it for 68020/AGA. I expect that adding some Fast RAM would help, as would running the game on the A4000 CD32 add-on. As neither of these exist right now, I can't try them, but I assume the game will make use of extra speed because the Amiga version did.

The game doesn't use the full PAL screen. PAL users can force it

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will launch with the PD collection Lock 'N Load, from NorthWest Public Domain. (who had guessed I wanted one for free from the moment he picked up the phone)

MONEY SAVING TIP FROM NW PUBLIC DOMAIN---

The CD32 has the infamous "AUX" port, which is really a keyboard port suitable to the 4000 keyboard plug. (I've heard of hacks to use modems and disk drives on that port, but we're talking about the intended purpose, here.) Users of 2000 and 3000s, with big, unfriendly keyport ports instead of the small, cute 4000 port had the option of buying the conversion piece from Amigaman for \$15. The guy I spoke with at NW Public Domain told me it was a \$5 part at Radio Shack: an AT to PS/2 keyboard adapter. Score one for the thrifty.

More CD32 news: As early as mid next week, Paravision will send me a "functional" SX-1 expansion for the CD32. What do I mean by "functional"? I mean it won't have a case. No problem, I simply won't rest any drinks on top of it. I'll throw on a disk drive, modem, printer, ParNet when they send it to me, and maybe even a hard drive if I'm lucky and tell you how it stacks up. I'm looking forward to running AGA demos.

Yet more CD32 news, again from the helpful guy at NW PD: Frontier, which a lot of people have questioned on CD32 since it doesn't seem to have anything CDish to offer (no 650 megs of speech), was apparently recompiled in 020 code for the CD32 version. There you have it, the exploitation of the technology to the fullest.

Commodore seems to still be alive. This morning, though (Tuesday), the stock did an odd thing. It opened at 1 with a high of 1 and a low of 1 and a close of 1. 500 shares traded hands. Now, I'm no expert, but in watching the tables I know that on average about 40,000 shares of C= trade hands each day and that last week, that number was 210,000 in one day. 500's awfully low. Maybe everyone is waiting for something. I haven't heard any good rumors about it. Or bad ones.

That should wrap it up for me this week...I'll have more meat for you when next you read me. Until then, keep...whatever you want warm.

## 1.15 Reader Mail

```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% Reader Mail                                     The readers speak! %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```

From: Jan Hoeydahl, Norway (hoeydahl@nki.no)

Have any of you readers ever connected a CASIO Digital Diary to the Amiga? My CASIO is a 64KB SF-7500. It has got some sort of serial connector and I know that it is possible to purchase a PC-interface which is quite expensive.

If you have a hint on how to build my own HW-interface and what software

to use then, please let me know (Internet adr above).

-Jan-

## 1.16 Lynx and the World Wide Web

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

%% Lynx and the WWW by  
     Robert Niles  
     %%

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

For those of you who do not have access to Mosaic, but still would like a nice interface to the World Wide Web (WWW) and all that it entails, should consider a program found on many UNIX sites called LYNX.

Lynx is a user-friendly hypertext interface on UNIX and VMS platforms (just type 'lynx' at the shell prompt). There's nothing that compares to the ability to run Mosaic, but Lynx comes close. It lets you use the cursor keys to browse around the WWW, you don't get the pictures and such, but you do get the information. Lynx was written by Lou Montulli, Michael Globe and Charles Rezac.

Why use Lynx to access the WWW? Because for you, the Amiga User, there's quite a bit of information available to you that you might not be able to find elsewhere ...and of course there's plenty of information that you WOULD find elsewhere, but the WWW makes getting that information easy.

There are quite a few places for information but most can be accessed through the "Commodore Amiga Information Resource" interface (for lack of a better word).

The Commodore Amiga Information Resource is a collection items interesting to the Amiga community. Tell Lynx or Mosaic to open the following URL:

<http://www.cs.cmu.edu:8001/Web/People/mjw/Computer/Amiga/AR/MainPage.html>

It is maintained by Michael Witbrock (witbrock@cmu.edu). There he has information about the Amiga, and links to other places that support the Amiga in one way or the other. Like:

- Amiga Report
- GENie's 5 minute news, and Viewport
- Access to Public Domain software and the Aminet
- The World-Wide Amiga BBS List
- Information on User Groups
- The Amiga FAQ (Frequently Asked Questions)
- David Tiberio's "Famous Amiga Uses"
- And more!

Now there is much more out there...but I'll leave you to find it  
 ...and I know that there's nothing like using Mosaic, but Lynx will  
 get you "there"!

## 1.17 Portal

```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%                               Portal:  A Great Place For Amiga Users                               %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```

Portal Communications' Amiga Zone

The AFFORDABLE alternative for online Amiga information  
 -----

The Portal Online System is the home of acclaimed Amiga Zone, which was formerly on the People/Link System. Plink went out of business in May, 1991 and The Amiga Zone's staff moved to Portal the next day. The Zone has just celebrated its second anniversary on Portal. The Amiga press raves about The Amiga Zone, when compared to its competition.

If you live in the San Jose, CA area, then you can dial Portal directly. If you live elsewhere, you can reach Portal through any SprintNet (formerly Telenet) indial anywhere in the USA. If you have an account on another Internet-connected system, you can connect to Portal using the UNIX Telnet programs, from anywhere in the industrialized world. Delphi and BIX users can now Telnet into Portal for a flat \$19.95 a month, with \*unlimited\* use.

Some of Portal/Amiga Zone's amazing features include:

Over 1.5 GIGabytes of Amiga-specific files

The \*entire\* Fred Fish collection of freely distributable software, online.

Fast, Batch Zmodem file transfer protocol. Download up to 100 files at once, of any size, with one command.

Twenty Amiga vendor areas with participants like AmigaWorld, ASDG, Soft-Logik, Black Belt, Apex Publishing, Stylus, Prolific, NES.

35 "regular" Amiga libraries with thousands of files. Hot new stuff arrives daily.

No upload/download "ratios" EVER. Download as much as you want, as often as you want, and never feel pressured doing it.

Live, interactive nightly chats with Amiga folks whose names you will recognize. Special conferences. Random chance prize contests. Famous Amiga folks aren't the exception on Portal, they're the norm.

Vast Message bases where you can ask questions about \*anything\* Amiga related and get quick replies from the experts.



Amiga Internet mailing lists for Imagine, DCTV, LightWave, HyperAmi, Director and Landscapes are fed right into the Zone message bases. Read months worth of postings. They don't scroll off, ever! No need to clutter your mailbox with them.

FREE unlimited Internet Email. Your Portal account gets you a mailbox that's connected to the world. Send letters of any length to computer users in the entire industrialized world. No limits. No extra charges. No kidding!

Portal has the Usenet. Thousands of "newsgroups" in which you can read and post articles about virtually any subject you can possibly imagine.

Other Portal SIGs (Special Interest Groups) online for Mac, IBM, Sun, NeXT, UNIX, Science Fiction, Writers, amateur radio, and a graphics SIG with thousands of GIF files to name just a few. ALL Portal SIGs are accessible to ALL Portal customers with NO surcharges ever.

The entire UPI/Clarinet/Newsbytes news hierarchy (\$4/month extra) An entire general interest newspaper and computer news magazine.

Portal features an exciting package of Internet features: IRC, FTP, TELNET, MUDDS, LIBS. Free to all Portal customers with your account. Internet Services is a menu driven version of the same kinds of utilities you can also use from your Portal UNIX shell account.

All the files you can FTP. All the chatting you can stand on the IRC. And on IRC (Internet Relay Chat) you can talk live, in real time with Amiga users in the U.K., Europe, Australia, the Far East, 24 hours a day.

Our exclusive PortalX by Steve Tibbett, the graphical "front end" for Portal which will let you automatically click'n'download your waiting email, messages, Usenet groups and binary files! Reply to mail and messages offline using your favorite editor and your replies are sent automatically the next time you log into Portal. (PortalX requires Workbench 2.04 or higher)

And Portal does NOT stick it to high speed modem users. Whether you log in at 1200 or 2400 or 9600 or 14.4K you pay the same low price.

How does all that sound? Probably too good to be true. Well, it IS true.

Portal Signup or for more information:

408-973-9111 (voice) 9a.m.-5p.m. Mon-Fri, Pacific Time  
408-725-0561 (modem 3/12/2400) 24 hours every day  
408-973-8091 (modem 9600/14400) 24 hours every day

or enter "C PORTAL" from any Sprintnet dial-in in the USA,  
or telnet to "portal.com" from anywhere.

PORTAL'S CURRENT RATES:

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All prices shown are in U.S. Dollars

|                                    | Startup<br>Fee<br>\$ | Monthly<br>Fee<br>\$ | Fee<br>Per<br>Hour<br>\$ | Total<br>Cost<br>1 hr.<br>Per<br>month<br>\$ | Total<br>Cost<br>5 hrs.<br>per<br>month<br>\$ | Total<br>Cost<br>10 hrs.<br>per<br>month<br>\$ | Total<br>Cost<br>30 hrs.<br>per<br>month<br>\$ |
|------------------------------------|----------------------|----------------------|--------------------------|----------------------------------------------|-----------------------------------------------|------------------------------------------------|------------------------------------------------|
| Portal                             | 19.95                | 19.95                |                          |                                              |                                               |                                                |                                                |
| 2400/9600/14.4Kbps, *direct 24 hrs |                      |                      | 0.00                     | 19.95                                        | 19.95                                         | 19.95                                          | 19.95                                          |
| 2400/9600bps nonprime Sprint       |                      |                      | 2.50                     | 22.95                                        | 32.45                                         | 44.95                                          | 94.95                                          |
| 2400/9600bps prime Sprint +%       |                      |                      | 5.50-10                  | 29.95                                        | 69.95                                         | 119.95                                         | varies                                         |
| 2400/9600bps non prime # PCPursuit |                      |                      | 1.00                     | 20.95                                        | 24.95                                         | 29.95                                          | 49.95                                          |

\* plus cost of phone call if out of Portal's local dialing area  
 Direct rates also apply to connections made to Portal using the  
 UNIX "telnet" program from an account you may already  
 have on an Internet-connected system.

% 9600 bps Sprintnet in over 300 cities areas

+ \$10 rate prevails at smaller US Cities

# PCPursuit is a service of US Sprint. Portal is a PCPursuit  
 "Direct Access Facility" thus connection to Portal with a PCP account  
 is simply a matter of entering C PORTAL,PCP-ID,PCP-PASSWORD at the  
 SprintNet login prompt instead of C PORTAL.

Note:

Portal Direct 9600/14400 bps service is available for both USR HST  
 modems, and any V32/V32.bis modems. There are dozens of direct-dial  
 high speed lines into Portal. No busy signals!

SprintNet 9600bps service is V.32 modem protocol only.  
 Again, Portal does NOT surcharge high speed modem users!

Portal subscribers who already have an account on an Internet-capable  
 system elsewhere, can use that system's "telnet" program  
 to connect to Portal for \$0.00 an hour. That's right ZERO. From anywhere  
 in the world. If you're in this category, be sure to ask the Portal  
 reps, when you signup, how to login to Portal from your existing  
 Internet account.

Call and join today. Tell the friendly Portal Customer Service  
 representative, "The Amiga Zone and Amiga Report sent me!"

[Editor's Note: Be sure to tell them that you are an Amiga user, so  
 they can notify the AmigaZone sysops to send their Welcome Letter and  
 other information!]

That number again: 408-973-9111.

Portal Communications accepts MasterCard, Visa, or you can pre-pay any  
 amount by personal check or money order. The Portal Online System is  
 a trademark of Portal Communications.

## 1.18 Dealer Directory

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%  
%% Dealer Directory %%  
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

Almathera Systems Ltd  
Southerton House  
Boundary Business Court  
92-94 Church Road  
Mitcham, Surrey  
CR4 3TD England  
VOICE: (UK) 081 687 0040  
FAX: (UK) 081 687 0490  
Internet: (Sales) [almathera@cix.compulink.co.uk](mailto:almathera@cix.compulink.co.uk)  
(Technical) [jralph@cix.compulink.co.uk](mailto:jralph@cix.compulink.co.uk)

Amigability Computers  
P.O. Box 572  
Plantsville, CT 06479  
VOICE: 203-276-8175  
Internet: [amiga@phantm.UUCP](mailto:amiga@phantm.UUCP)  
BIX: jbasile  
(Send E-mail to subscribe to our mailing list)

Apogee Technologies  
1851 University Parkway  
Sarasota, FL 34243  
VOICE: 813-355-6121  
Portal: Apogee  
Internet: [Apogee@cup.portal.com](mailto:Apogee@cup.portal.com)

Armadillo Brothers  
753 East 3300 South  
Salt Lake City, Utah  
VOICE: 801-484-2791  
Internet: [B.GRAY@genie.geis.com](mailto:B.GRAY@genie.geis.com)

Atlantis Kobetek Inc.  
1496 Lower Water St.  
Halifax, NS, Canada, B3J 1R9  
Phone: (902)-422-6556  
Fax: (902)-423-9339  
BBS: (902)-492-1544  
Internet: [aperusse@fox.nstn.ns.ca](mailto:aperusse@fox.nstn.ns.ca)

Brian Fowler Computers Ltd  
11 North St  
Exeter

Devon  
EX4 3QS  
United Kingdom  
Voice: (0392) 499 755  
Fax: (0392) 423 480  
Internet: brian\_fowler@cix.compulink.co.uk

CLICK! Amiga Specialists N.V.  
Boomsesteenweg 468  
B-2610 Wilrijk - Antwerpen  
Belgium - Europe  
VOICE: 03 / 828.18.15  
FAX: 03 / 828.67.36  
USENET: vanhoutv@click.augfl.be  
FIDO: 2:292/603.9  
AmigaNet: 39:120/102.9

Comspec Communications Inc  
Serving your computing needs since 1976  
74 Wingold Ave  
Toronto, Ontario  
Canada M6B 1P5  
Computer Centre: (416) 785-8348  
Service, Corporate & Educational Sales: (416) 785-3553  
Fax: 416-785-3668  
Internet: bryanf@comcorp.comspec.com  
bryanf@accesspt.north.net

Computers International, Inc.  
5415 Hixson Pike  
Chattanooga, TN 37343  
VOICE: 615-843-0630

DataKompaniet ANS  
Pb 3187 Munkvoll  
N-7002 Trondheim  
Norway - Europe  
VOICE/FAX: 72 555 149  
Internet: torrunes@idt.unit.no

Digital Arts  
122 West 6th Street  
Bloomington, IN 47404  
VOICE: (812) 330-0124  
FAX: (812) 330-0126  
BIX: msears

Finetastic Computers  
721 Washington Street  
Norwood, MA 02062  
VOICE: 617-762-4166

---

BBS: 617-769-3172  
Fido: 1:101/322  
Portal: FinetasticComputers  
Internet: FinetasticComputers@cup.portal.com

HT Electronics  
275 North Mathilda Avenue  
Sunnyvale, CA 94086  
VOICE: 408-737-0900  
FAX: 408-245-3109  
Portal: HT Electronics  
Internet: HT Electronics@cup.portal.com

Industrial Video, Inc.  
1601 North Ridge Rd.  
Lorain, OH 44055  
VOICE: 800-362-6150  
216-233-4000  
Internet: af741@cleveland.freenet.edu  
Contact: John Gray

MicroSearch  
9000 US 59 South, Suite 330  
Houston, Texas  
VOICE: 713-988-2818  
FAX: 713-995-4994

Mr. Hardware Computers  
P.O. Box 148  
59 Storey Ave.  
Central Islip, NY 11722  
VOICE: 516-234-8110  
FAX: 516-234-8110  
A.M.U.G. BBS: 516-234-6046

MusicMart: Media Sound & Vision  
71 Wellington Road  
London, Ontario, Canada  
VOICE: 519-434-4162  
FAX: 519-663-8074  
BBS: 519-457-2986  
FIDO: 1:221/125  
AmigaNet: 40:550/1  
MaxNet: 90:204/1  
iNET: koops@gaul.csd.uwo.ca

PSI Animations  
17924 SW Pilkington Road  
Lake Oswego, OR 97035  
VOICE: 503-624-8185  
Internet: PSIANIM@agora.rain.com

---

Software Plus Chicago  
3100 W Peterson Avenue  
Chicago, Illinois  
VOICE: 312-338-6100

Wonder Computers Inc.  
1315 Richmond Rd.  
Ottawa, Ontario, Canada K2B 8J7  
Voice: 613-596-2542  
Fax: 613-596-9349  
BBS: 613-829-0909

CYNOSTIC  
Office 01,  
Little Heath Industrial Estate,  
Old Church Road,  
Coventry.  
CV6 7NB  
UNITED KINGDOM  
Tel: +44 (0)203 681687  
Fax: +44 (0)203 638508  
David Cassidy email: bsupa@csv.warwick.ac.uk

DataService Oy  
P.O. Box 50  
Kuurinniityntie 30  
02771 ESPOO  
Finland, Europe  
Voice: +358 (9) 400 438 301  
Fax: +358 (9) 0505 0037

PROTONIC INC.  
Amiga RuleZ!  
4-3-11 Shinbashi  
Yanagi Bldg 4F  
Minato-ku, Tokyo 105  
Japan  
Tel:+81 (0)3 5402-7425  
Fax:+81 (0)3 5402-7427  
and of course the BEST Amiga BBS in Japan  
BBS:Grey Matter BBS +81 (0)3 5709-1907 (8N1 V32bis 24H )  
Email: nighty@gmatter.twics.com

Amiga Video Solutions  
1568 Randolph Avenue  
St. Paul, MN 55105  
Voice: 612-698-1175  
BBS: 612-698-1918  
Fax: 612-224-3823  
Net: wohno001@maroon.tc.umn.edu

Magic Page  
 3043 Luther Street  
 Winston-Salem, NC 27127  
 910-785-3695 voice/fax  
 Spiff@cup.portal.com

Keizer Tech  
 3881 River Rd N  
 Keizer, OR 97303  
 USA  
 Voice: 393-5472

(Dealers: To have your name added, please send Email!)

## 1.19 BIX

/// BIX - Byte Information Exchange                      Lots of information!  
 -----

BIX is the premier online service for computing professionals and enthusiasts. While other online services cater to computer novices, BIX is the place for knowledgeable people to go for answers to tough questions. You're likely to find many others in similar situations who can offer advice, give technical assistance, or point you in the right direction.

\*\*\* FULL INTERNET ACCESS! \*\*\*

BIX features access to the Internet - you can use FTP to transfer files from sites all over the world, telnet to log on to other online services, schools, and research sites, and send Internet mail to millions of people at services like DELPHI, CompuServe, America Online, MCI Mail, and other sites and services. Services like "WHOIS" and "Finger" are also available, with more features on the way (like USENET newsgroups; our newsreader is currently being tested and should be available very soon!) There are no usage fees or special charges for Internet access - it's all part of your BIX subscription.

=====  
 Rates and Connect Information:  
 =====

BIX membership costs \$13 per month, plus connect time. There are several different ways to connect:

|                                                                          |                            |                   |
|--------------------------------------------------------------------------|----------------------------|-------------------|
| SprintNet*                                                               | \$3/hour evenings/weekends | \$9/hour weekdays |
| Tymnet:**                                                                | \$3/hour evenings/weekends | \$9/hour weekdays |
| (SprintNet and Tymnet rates shown are for 48 contiguous US states only.) |                            |                   |

|                |                    |                   |
|----------------|--------------------|-------------------|
| Tymnet Canada: | \$4/hr eves/wkends | \$9/hour weekdays |
|----------------|--------------------|-------------------|

---

Tymnet Hawaii:               \$10/hr eves/wkends               \$20/hour weekdays  
 Telnet (via Internet):       \$1/hour, round the clock  
 Direct dial (Boston):       \$2/hour, round the clock (up to 9600 bps)

\* SprintNet daytime hours are from 6am to 7pm, M-F, ET.  
 \*\* Tymnet daytime hours are from 7am to 6pm, M-F, ET.

20/20 PLAN OPTION (for USA-48 users only):

Volume users can choose the 20/20 Advantage Plan, which is \$20 per month and includes the first 20 hours of access by any combination of methods from the contiguous United States. Additional use is \$1.80 per hour (additional use for telnet access is \$1 an hour). The 20/20 Plan's cost is in addition to the \$13 monthly fee.

INTERNATIONAL USERS:

If you wish to connect internationally through Tymnet or SprintNet, please contact your local PTT. BIX accepts prepaid international calls, direct dial, or telnet connections. In order to make a "collect" (not prepaid) call to BIX, your account must be verified before the charges are accepted. When you complete the registration, we'll mail you a BIX Membership Agreement by regular US Mail. When you receive it, sign it and return it to us by mail. When we receive it here, we'll authorize your account to make reverse charged calls.

If you want to access BIX right away, contact your local PTT to set up a prepaid account. You'll pay your local carrier for your calls to BIX in advance, so there's no waiting period or verification needed. Or, connect at BIX via telnet to x25.bix.com.

SprintNet international calls from most locations are \$24 an hour. Tymnet international charges vary, but are generally between \$20-\$30 an hour.

=====  
 Billing Information:  
 =====

You can charge your monthly BIX membership fees to your Visa, Mastercard, Discover, or American Express card.

You may have your company invoiced for one or more BIX memberships with a BIX Corporate Account.

=====  
 To Sign Up For BIX:  
 =====

Dial by modem 1-800-695-4882 or 617-491-5410 \*  
 (use 8 data bits, no parity, full duplex)

Press a few carriage returns until you see the Login:(enter "bix")  
 prompt, then type bix

At the Name? prompt, type bix.amrpt



\* Users already on the internet can telnet to x25.bix.com instead.  
At the USERNAME: prompt enter bix, then bix.net at the Name? prompt.  
Once your account is registered, you can connect the same way, except  
at the Name? prompt you'll enter your BIXname and then your password.

Using the above procedure will allow users in the 48 contiguous United States to take advantage of our special "5 for \$5" offer. This offer lets you use up to 5 hours of evening/weekend time on BIX during the current calendar month (whatever month you sign up in), for \$5. Additional time is \$1.80 per hour (\$1 per hour for telnet). At the end of the calendar month, you will be placed into our standard rate plan, at \$13 monthly plus connect charges. You may also join the 20/20 Plan at this time.

If you have other questions, please contact BIX Member Services at (800) 695-4775; send a fax to BIX at (617) 491-6642; or send Internet mail to info@bix.com.

BIX Member Services hours are 12pm - 11pm, Monday through Friday, ET.

## 1.20 tandem v2.1

### TITLE

tandem.lha

### VERSION

2.1 (27.3.94)

### AUTHOR

Franz-Josef Reichert  
fjrei@kbsaar.saar.de

### DESCRIPTION

JukeBox is a program to play compact digital audio discs by emulating a graphical user interface similar to common CD players. It provides a command line oriented, fully programmable ARexx user interface as well. It will work on CD-ROM players plugged to a hostadaptor or CDTV.

This is an add-on player module for the "Tandem CD+IDE" hostadaptor solution sold by bsc / Alfa Data, which enables the use of several Mitsumi IDE-CDROM drives, such as the FX-001(D) or the LU-005. This player module can be added externally by tooltype or command line

PLAYER=tandem.player  
DEVICE=tandemcd.device  
UNIT=0

Updated documentation in AmigaGuide(R) format comes along with

---

this distribution.

#### REQUIREMENTS

- \* JukeBox 1.2530 (3.4.93), freely distributable demo available in the same directory jukebox.lha
- \* Tandem CD+IDE software & hardware
- \* Mitsumi CDROM drive

#### DIRECTORY

Aminet: /pub/aminet/mus/play/

#### FILE NAME

tandem.lha

#### HOST NAME

Available on servers in the aminet. e.g.:

|             |                     |               |             |
|-------------|---------------------|---------------|-------------|
| USA (MO)    | ftp.wustl.edu       | 128.252.135.4 | pub/aminet/ |
| Scandinavia | ftp.luth.se         | 130.240.18.2  | pub/aminet/ |
| Germany     | ftp.uni-kl.de       | 131.246.9.95  | pub/aminet/ |
| Switzerland | ftp.eunet.ch        | changing      | pub/aminet/ |
| UK          | src.doc.ic.ac.uk    | 146.169.2.1   | pub/aminet/ |
| Australia   | splat.aarnet.edu.au | 192.107.107.6 | pub/aminet/ |
| ...         |                     |               |             |

#### PRICE

Free

#### DISTRIBUTION

Freely distributable

## 1.21 ReqChange v3.1

#### TITLE

ReqChange

#### VERSION

3.1

#### AUTHOR

Magnus Holmgren  
Internet: cmh@augse.se

---

Fidonet: 2:204/404.6

#### DESCRIPTION

ReqChange is a program that replaces the most common requesters in AmigaDOS with the ones available in ReqTools. This program is similar to RTPatch (included in the ReqTools distribution), but offers a lot more, such as a builtin "AssignWedge", the ability to send a Rexx message when a requester appears and several other options (for each requester type).

#### NEW FEATURES

Version 3.0 is a complete rewrite. The new features include:

- Resident code written in assembler and stored in a .library.
- Complete ASL V38 (OS 2.1+) support. Can "fall back" to the original requester when needed.
- Rexx messages can be sent from any requester, based on type/title(/body text).
- Prefs editor to edit all settings (including the "pre-denied" volumes and rexx messages) with font-sensitive GUI and online help.
- Smarter/smaller patching code.
- Documentation in AmigaGuide format.
- OS 3.0 aware (memory pools etc).

#### SPECIAL REQUIREMENTS

OS 2.04 or better. ReqTools is also required, but it is included.

#### HOST NAME

ftp.lysator.liu.se 130.236.254.153

#### DIRECTORY

pub/amiga/ReqChange

#### FILE NAMES

ReqChange3\_1.lha (152213 bytes)

#### PRICE

10 US\$ (Shareware).

#### DISTRIBUTABILITY

Freely distributable. You may only copy the original, unmodified archive, without adding/removing any files. You may not charge any more than a small fee to cover your costs (media, postage etc).  
Copyright (C) 1993-94 Magnus Holmgren.

## 1.22 In Closing

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%%
%%              - - - - -
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%%            /  \ | \ / | | | (< _ / \
%%           /--- \ | \ / | | | \_||/--- \
%%          /-----\
%%
%%              Amiga Report International Online Magazine
%%              April 22, 1994 ~ Issue No. 2.15
%%              Copyright 1994 SkyNet Publications
%%              All Rights Reserved
%%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```

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### 1.23 Columns and Features

From the Editor's Desk  
Saying it like it is!

Amiga News  
News and Announcements

Lament  
Moving the Amiga aside

Creating AmigaDOS Scripts  
It's easier than you think!

AR CoverDisk  
Expanding Amiga Report

UseNet Review  
The Chaos Engine - CD32 version

compt.sys.amiga  
Promises, promises, promises

Reader Mail  
The readers speak!

Lynx and the WWW  
Accessing the WWW without Mosaic

## 1.24 About Amiga Report

For Starters  
Where to get AMIGA REPORT

AR Staff  
The Editors

In Closing  
Copyright Information

## 1.25 The Editors

Feel free to contact any of the editors!

Robert Niles  
The Editor-in-chief

Jason Compton  
The Emulation Editor

Jesper Juul  
The European Editor

## 1.26 Commercial Online Services

Delphi  
Getting better all the time!

Portal

---

A great place for Amiga users...

InterNet  
Subscribe to the AR Mailing List

BIX  
For Serious Programmers and Developers

## 1.27 Files Available for FTP

tandem v2.1  
JukeBox interface with Tandem

ReqChange v3.1  
Replaces the common AmigaDOS requestor

~~~~~  
The most downloaded files from wustl.edu during the week until 17-Apr-94
Updated weekly. Most popular file on top.

File	Dir	Size	Description
ar214.lha	docs/mags	64K+	Amiga Report 2.14, 15-Apr-94
TextDemo4.lha	gfx/misc	29K+3D	Dungeon with shading AGA/ECS (68020+)
rot3d.lha	demo/euro	96K+	Texture mapping demo, requires math FPU
ar213.lha	docs/mags	48K+	Amiga Report 2.13, 08-Apr-94
wolf3d-2.lha	dev/src	56K+	Wolf3D clone demo
PowerCalc.lha	misc/math	26K+	Workbench realtime graphing calc for OS 2.
amipeg03.lha	gfx/show	83K+	fast MPEG player for AGA amigas v0.3, w/ f
MUGicWB.lha	util/wb	39K+	Yet another collection of MagicWB icons
PicCon220.lha	gfx/conv	99K+	Multipurpose gfx converter. 2.04+.
crb_brst.lha	demo/euro	665K+	brain-state-in-a-box - 2nd at TG94

1.28 NOVA

* NOVA BBS *
Official Amiga Report Distribution Site
Support BBS of The Chattanooga Amiga Users Group
* Running MEBBSNet BBS *
Wayne Stonecipher, Sysop
AmigaNet 40:210/10.0 40:210/1.0 40:210/0.0
FidoNet 1:362/508.0
An Amiga Software Distribution Site (ADS)
615-472-9748 USR DS 16.8 24hrs - 7 days
Cleveland, Tennessee

All AR back issues are kept online.
All new users receive access to the AR on the first call.
Any AR issue may be file requested with proper name.

To obtain the current issue you may FReq
 Proper name, AR.LHA or simply AR

1.29 In The MeanTime

* IN THE MEANTIME BBS *
 Official Amiga Report Distribution Site
 * Running AXShell *
 Robert Niles, Sysop
 rniles@imtired.itm.com
 509-248-5645 Supra V.32bis 24hrs - 7 days
 Yakima, Washington

***** Notice *****

Those who call for the latest edition of Amiga Report, and who do not wish to establish an account, at the first login: prompt type "bbs", at the second login: prompt type "guest".

Once in type "ARMAG" (without the quotes) at any prompt.

1.30 PIONEERS BBS

* PIONEERS BBS *
 ** A PREMIER GENEALOGY BBS **
 ** WEST COAST - Amiga Virus Busters Support BBS **
 ** CD32 REVIEW Support BBS **
 AND NOW
 Official Amiga Report Distribution Site
 * Running EXCELSIOR! BBS *
 Michael & Marthe Arends, Sysops
 FidoNet: 1:343/54.0
 206-775-7983 Supra 14.4k v32.bis 24hrs - 7 days
 EDMONDS, Washington

New users can call and get ANY copy of Amiga Report. Just call using the Name "Long Distance" and the password "Longdistance" (without the quotes of course). Users using this account will have full access to ALL past and present issues of AMIGA REPORT starting with the premier issue. The latest issue of Amiga Report can be Freq'ed (FileREQusted) from here as "AR.LHA", Freq's are valid at ANY time.

1.31 Biosmatica

* BIOSMATICA BBS *
 Official Amiga Report Distribution Site -- Portugal
 * Running Excelsior/Trapdoor/UUCP *
 Celso Martinho, Sysop

FidoNet 2:361/9
+351-34-382320 V.32bis 24hrs - 7 days

1.32 Amiga Junction 9

* AMIGA JUNCTION 9 *
Official Amiga Report Distribution Site -- United Kingdom
* Running DLG Professional *
Stephen Anderson, Sysop
Sysop Email: sysadmin@junct9.royle.org

Line 1 +44 (0)372 271000 14400 V.32bis/HST FidoNet 2:440/20
Line 2 +44 (0)372 278000 14400 V.32bis only FidoNet 2:440/21
Line 3 +44 (0)372 279000 2400 V.42bis/MNP

Internet: user_name@junct9.royle.org

1.33 BitStream BBS

* BITSTREAM BBS *
The BBS of the Nelson (NZ) Amiga Users Group
Official Amiga Report Distribution Site
* Running Xenolink 1.0 Z.3 *
Glen Roberts, Sysop
FidoNet 3:771/850
+64 3 5485321 Supra V.32bis 24hrs - 7 days
Nelson, New Zealand

1.34 Realm of Twilight

* REALM OF TWILIGHT BBS *
Official Amiga Report Distribution Site -- Canada
* Running Excelsior! BBS *
Thorsten Schiller, Sysop
Usenet: realm.tdkcs.waterloo.on.ca
UUCP: ...!uunet.ca!tdkcs!realm
FIDO: 1:221/302
Fish: 33:33/8
24hrs - 7 days
519-748-9365 (2400 baud)
519-748-9026 (v.32bis)
Ontario, Canada

Hardware: Amiga 3000, 105 Meg Quantum, 213 Meg Maxtor, 5 megs RAM

1.35 Metnet Triangle

METNET TRIANGLE SYSTEM
 Official Amiga Report Distribution Site
 UK Support for Mebbsnet
 * Running Mebbsnet and Starnet 1.02a *
 Jon Witty, Sysop
 FIDO: 2:252/129.0
 24 hrs - 7 days
 Line 1: 44-482-473871 16.8 DS HST
 Lines 2-7: 44-482-442251 2400 (6 lines)
 Line 8: 44-482-491744 2400
 Line 9: 44-482-449028 2400
 Voice helpline 44-482-491752 (anytime)

Fully animated menus + normal menu sets.
 500 megs HD - Usual software/messages
 Most doors online - Many Sigs - AMIGA AND PC SUPPORT
 Very active userbase and busy conference
 Precious days and MUD online. AMUL support site.

1.36 Omaha Amiganet

* OMAHA AMIGANET *
 Official Amiga Report Distribution Site
 * Running DLG Professional *
 Andy Wasserman, Sysop
 24 hrs - 7 days
 FidoNet: 1:285/11
 AmigaNet: 40:200/10
 Line 1: 402-333-5110 V.32bis
 Line 2: 402-691-0104 USR DS
 Omaha, Nebraska

1.37 Amiga-Night-System

* AMIGA-NIGHT-SYSTEM *
 Official Amiga Report Distribution Site - Finland
 * Running DLG Professional *
 Janne Saarme, Sysop
 24 hrs - 7 days
 InterNet: luumu@fenix.fipnet.fi
 FidoNet: 2:220/550.0
 +358-0-675840 V.32bis
 Helsinki, Finland

1.38 Ramses Amiga Flying

```

* RAMSES THE AMIGA FLYING *
Official Amiga Report Distribution Site -- France
* Running DLG Professional *
    Eric Delord, Sysop
    Philippe Brand, Co-Sysop
    Stephane Legrand, Co-Sysop
Internet: user.name@ramses.gna.org
    Fidonet: 2:320/104
    +33-1-60037015 USR DS 16.8
    +33-1-60037713 V.32bis
    +33-1-60037716 1200-2400

```

Ramses The Amiga Flying BBS is an Amiga-dedicated BBS running DLG-Pro on a Amiga 3000, 16MB RAM, 2GB Disk space, 3 lines.

We keep a dayly Aminet site mirroring, NetBSD-Amiga complete mirror site from ftp.eunet.ch (main site), Amiga Report, GNU Amiga, Ramses is the SAN/ADS/Amiganet French coordinator.

1.39 Gateway BBS

```

* THE GATEWAY BBS *
Official Amiga Report Distribution Site
* Running Excelsior! BBS *
    Stace Cunningham, Sysop
    Dan Butler, CoSysop
    24 hrs - 7 days
InterNet: stace@technet1.jcte.jcs.mil
    FidoNet: 1:3604/60.0
    601-374-2697 Hayes Optina 28.8 V.FC
    Biloxi, Mississippi

```

1.40 Talk City

```

* TALK CITY *
Official Amiga Report Distribution Site
    708-372-0190 - 2400bps
    708-372-0268 - V32 14.4K
    708-372-0283 USR DS 14.4K
Fido Net 1:115/372,0 Phantom Net 11:2115/2.0 Clink Net 911:6080/4.0
    UUCP tcity.com

```

Over 3 Gig of Files Online | More and More things everyday.

With Three IBM CD-ROMs online, 10 lines, support for all platforms, and a REALLY dedicated sysop (The Mayor).

1.41 Amiga BBS

* Amiga BBS *

Official Amiga Report Distribution Site

* Running Excelsior! BBS *

Alejandro Kurczyn, Sysop
FidoNet 4:975/7

First Amiga BBS in Mexico
(5) 887-3080 9600 V32,MNP
Estado de Mexico, Mexico

1.42 The Stygian Abyss

* THE STYGIAN ABYSS BBS *

312-384-0616 14.4 USR Courier HST
312-384-6250 14.4 Supra V.32 bis (FREQ line)
312-384-0716 2400 USR Courier

FIDONet-1:115/384.0 CLink-911:6200/2.0 NWNNet-206:310/0.0--206:310/1.0
PhantomNet Central States Cooridinator-11:2115/0.0--11:2115/1.0
FaithNet Central States Cooridinator-700:6000/0.0--700:6000/1.0
AMINet Chicagoland HUB-559:2/5.0
Chicago, Illinois

Over 4 GIGS of files I Over 3700 MODS I Over 120 On-Line Games
Tons of digitized sounds I Over 15,000 GIFS
Supporting: Amiga I IBM I Macintosh I C=64/128
SIR SAMMY-SysOp Enter.....If you dare!!

1.43 Amiga Do PC BBS

* AMIGA DO PC BBS *

Official Amiga Report Distribution Site - Brazil

* Running Excelsior! v 1.18 *

+55-192-33-2260
Weekdays: 19-07 (-3 GMT)
Weekends: 24 hours
Fidonet: 4:801/44
RBT: 12:1212/1
Virinet: 70:101/17

Internet: fimoraes@dcc.unicamp.br
Francisco Moraes, sysop
Campinas, SP

Freq AREPORT for the newest issue avaiable.

1.44 Comm-Link BBS

```
* COMM-LINK BBS *
Official Amiga Report Distribution Site
* Running Excelsior Pro *
604-945-6192  USR DS 16.8
      24 hrs - 7 days
Fido:      1:153/210.0
AmigaNet   40:800/9100.0
InterSports: 102:540/305.0
PussNet:   169:1000/305.0
InterNet:  steve_hooper@comm.tfbbs.wimsey.com
           Steve Hooper, Sysop
           Port Coquitlam, B.C. Canada
```

1.45 Phantom's Lair

```
* PHANTOM'S LAIR *
Official Amiga Report Distribution Site
* Running CNET 3.0 *
FidoNet:  1:115/469.0
Phantom Net Coordinador: 11:1115/0.0-11:1115/1.0
                        708-469-9510
                        708-469-9520
CD ROMS, Over 15511 Files Online @ 2586 meg
Peter Gawron, Sysop
Glendale Heights, Illinois
```

1.46 Tierra-Miga BBS

```
Tierra-Miga BBS
Software: CNet
Gib Gilbertson
24 hours - 7 days
FidoNet:      1:202/638.0
AmigaNet:     40:406/3.0
Internet:     torment.cts.com
Line #1:      619.292.0754 V32.bis
City:         San Diego, CA.
```

1.47 Freeland Mainframe

```
* FREELAND MAINFRAME *
Offical Amiga Report Distribution Site
* Running DLG Proessional *
John Freeland, SysOp
206-438-1670  Supra 2400zi
```

206-438-2273 Telebit WorldBlazer(v.32bis)
 206-456-6013 Supra v.32bis
 24hrs - 7 days
 Internet - freemf.eskimo.com
 Olympia, Washington

1.48 LAHO

* LAHO BBS *
 Official Amiga Report Distribution Site -- Finland
 * Running MBBS *
 Lenni Uitti, SysOp
 Juha Mäkinen, SysOp (Amiga-areas)
 Tero Manninen, SysOp (PC-areas)
 +358-64-414 1516, V.32bis/HST
 +358-64-414 0400, V.32bis/HST
 +358-64-414 6800, V.32/HST
 +358-64-423 1300, V.32bis
 Seinäjoki, Finland

Our host machine is a 386/33 with 20MB of memory, 1GB harddisk and a CD-ROM drive running in a Novell network. The BBS software is a Norwegian origin MBBS running in a DesqView windows.

We have now (26th March 1994) over 10000 files online (mostly for the Commodore Amiga line of the personal computers.)

Every user has an access to download filelist (LAHOFIL.ZIP), list of the Finnish 24-hour BBS's (BBSLIST.ZIP or BBSLIST.LHA) and every issue of the Amiga Report Magazine (AR101.LHA-AR???.LHA) even on their first call.

The system has been running since 1989 and is sponsored by the local telephone company, Vaasan Läänin Puhelin Oy.

BTW, LAHO stands for "LAtomeren Höyrylaiva Oy" = "Barnsea Steamship Co."

Welcome on board!

1.49 Falling BBS

* FALLING BBS *
 Official Amiga Report Distribution Site -- Norway
 * Running ABBS *
 Christopher Naas, Sysop
 +47 69 256117 V.32bis 24hrs - 7 days
 EMail: naasc@cnaas.adsp.sub.org

1.50 Command Line BBS

* COMMAND LINE BBS *
Official Amiga Report Distribution Site -- Canada
Canada's Amiga Graphics & Animation Source
* Running AmiExpress BBS *
Nick Poliwko, Sysop
416-533-8321 V.32 24hrs - 7 days
Toronto, Canada

1.51 Leguans Byte Channel

* LEGUANS BYTE CHANNEL *
Official Amiga Report Distribution Site -- Germany
* Running EazyBBS V2.11 *
Andreas Geist, Sysop
Usenet: andreas@lbcmbx.in-berlin.de
24 hrs - 7 days
Line 1: 49-30-8110060 USR DS 16.8
Line 2: 49-30-8122442 USR DS 16.8

Login as User: "amiga", Passwd: "report"

1.52 Stingray Database BBS

* STINGRAY DATABASE *
Official Amiga Report Distribution Site -- Germany
* Running FastCall *
Bernd Mienert, Sysop
EMail: sysop@sting-db.zer.sub.org.dbp.de
+49 208 496807 HST-Dual 24hrs - 7 days
Muelheim/Ruhr, Germany

1.53 T.B.P. Video Slate

* T.B.P. VIDEO SLATE *
Official Amiga Report Distribution Site
An Amiga dedicated BBS for All
* Running Skyline 1.3.2 *
Mark E Davidson, Sysop
24 hrs - 7 days
201-586-3623 USR 14.4 HST
Rockaway, New Jersey

Full Skypix menus + normal and ansi menu sets.
Instant Access to all. Download on the first call.

Hardware: Amiga 500 Tower custom at 14 MHz, 350 Meg maxtor,
125 Meg SCSI Maxtor, 125 Meg IDE Maxtor, Double Speed CD rom,
9 meg RAM

MIDI-tunes, MIDI-utils, Modules, Amiga-files
 Messages, Door-games, MUD...
 Also patches for several synths!
 (About 100MB of ProTracker Modules!)

Node #1 - +358-18-161763 - ZyXEL V32b 19200
 Node #2 - +358-18-161862 - HST DS V32 14400
 Fidonet: 2:221/112.0

Keyboards: Erno Tuomainen

Amiga3000 25MHz - 1.3Gigs HD
 BBS Software: Dialog Pro BB/OS

1.58 LINKSystem LINK-CH1

LINKSystem LINK-CH1
 Official Amiga Report Distribution Site - Switzerland
 in local newsgroup link-ch1.ml.amiga-report

Mails and News from/to UseNet

contact: rleemann@link-ch1.aworld.de

+41 61 3215643 V32bis/Zyx16800
 +41 61 3832007 ISDN X75/V110
 +41 61 3832008 ISDN X75/V110

1.59 Doom of Darkness

* Doom of Darkness *
 * Home of AmBoS *

Official Amiga Report Distribution Site -- Germany

Marc Doerre (Marc_Doerre), Sysop (BBS-Owner/AmBoS-Support)
 Bernd Petersen (TGM), Sysop (Amiga-Software-Support)
 Gerhard Luehning (Klaro), Co-Sysop (Aminet-Support)
 Kai Szymanski (Kai), Co-Sysop (AR-Support/AmBoS-Support)

Usenet: user_name@doom.platinum.werries.de
 Line 1 +49 (0)4223 8355 19200 V.42bis/Zyx
 Line 2 +49 (0)4223 3256 16800 V.42bis/Zyx
 Line 3 +49 (0)4223 3313 16800 V.42bis/Zyx
 Sysop Email: marc_doerre@doom.platinum.werries.de

1.60 RedEye BBS

REDEYE BBS
 * Running EXCELSIOR/UUCP/AFAX *
 "Official Amiga Report Distribution Site Germany/Europe"

Sysop: Thorsten Meyer
 Internet: sysop@redeye.greenie.muc.de
 Line 1: +49-89-5460535 (V.32b, Zyxel EG +)
 Line 2: +49-89-5460071 (USR Courier V32b terbo)
 24hrs - 7 days
 Munich, Germany

Areas for Amiga, PCs, Lotus Notes Group,
 Amiga Report, Game Byte, Graphic Stuff,
 3D-Exchange, 3D-tools, 3D-objects,
 McAfee, GUS, PAS, DOOM, WINDOWS-NT, OS/2
 Online CD, Online Games, USENET, INTERNET,
 FIDO ECHOS, Developer

1.61 Virtual Palace BBS

* Virtual Palace BBS *

* Official Amiga Report Distribution Site *

916-343-7420

300-14400 Baud V.42bis
 AmiExpress 2.40 700 Mbytes

P.O. Box 5518
 Chico, California 95927

Tibor G. Balogh (Tibor), Sysop
 Sysop Email: tibor@ecst.csuchico.edu

Leland Whitlock (Leland), Co-Sysop

1.62 Where to find Amiga Report

%%%

%% Where to find Amiga Report %%
 %%

Click on the button of the BBS nearest you for information on that system.

FidoNet Systems

FREQ the filename "AR.LHA" for the most current issue of Amiga Report!

OMAHA AMIGANET
Omaha, Nebraska

NOVA



.....Cleveland, Tennessee
PIONEER'S BBS
.....Edmonds, Washington
BIOSMATICA
.....Portugal
AMIGA JUNCTION 9
.....United Kingdom
BITSTREAM BBS
.....Nelson, New Zealand
REALM OF TWILIGHT
.....Ontario, Canada
METNET TRIANGLE
.....Kingston Upon Hull, England
AMIGA-NIGHT-SYSTEM
.....Helsinki, Finland
RAMSES THE AMIGA FLYING
.....France
GATEWAY BBS
.....Biloxi, Mississippi
TALK CITY
.....Waukegan, Illinois
AMIGA BBS
.....Estado de Mexico, Mexico
THE STYGIAN ABYSS
.....Chicago, Illinois
AMIGA DO PC BSS
.....Campinas, Brazil
COMM-LINK BBS
.....Port Coquitlam, BC, Canada
PHANTOM'S LAIR
.....Glendale Heights, Illinois
Tierra-Miga BBS
.....SanDeigo, Ca
MOONLIGHT SONATA DLG
.....Finland
CONTINENTAL DRIFT
.....Sydney, Australia
Non-FidoNet Systems

IN THE MEANTIME
.....Yakima, Washington

FREELAND MAINFRAME
.....Olympia, Washington

LAHO
.....Seinajoki, Finland

FALLING
.....Norway

COMMAND LINE
.....Toronto, Canada

LEGUANS BYTE CHANNEL
.....Germany

STINGRAY DATABASE
.....Muelheim/Ruhr, Germany

T.B.P. VIDEO SLATE
.....Rockaway, New Jersey

AMIGA CENTRAL
.....Nashville, Tennessee

GURU MEDITATION
.....Spain

LINKSystem LINK-CH1
.....Basel, Switzerland

DOOM OF DARKNESS
.....Bremen, Germany

REDEYE BBS
.....Munich, Germany

Virtual Palace BBS
.....Chico, Ca
