07225

COLLABORATORS

	TITLE : 07225		
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WRITTEN BY		February 4, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

07225

1.1 "

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FISH 201            Un-Pack this Disk
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Draco
                   Update to Chris Gray's Draco distribution for the Amiga.
                   Enhancements include support for floating point, register
                   variables, more optimization, improved call/return
                   standard, etc.  This is version 1.2, an update to the
                   version on disk 76.  Requires documentation from disk 77
                   to complete the distribution kit.  Binary only.
                   Author:  Chris Gray

Dropcloth          DropCloth lets you place a pattern, a 2 bitplane IFF
                   image or a combination of a pattern and image, into
                   the WorkBench backdrop.  This is version 2.4, an update
                   to version 2.2 on disk 128.  Shareware, binary only.
                   Author:  Eric Lavitsky

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SlavicFonts        A whole bunch of new fonts from Robin LaPasha.  Version 1.0.
                   Author:  Robin LaPasha

Vlt                VLT is both a VT100 emulator and a Tektronix (4014 plus
                   subset of 4105) emulator, currently in use at SLAC
                   (Stanford Linear Accelerator Center).  Although the VT100
                   part was originally based on Dave Wecker et al.'s VT100,
                   many enhancements were made. The program requires ARP, and
                   it has an ARexx port.  XMODEM 1K/CRC and Kermit protocol
                   support also included.  Version 3.656, binary only.
                   Author:  Willy Langeveld

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Examples           Assembly and C code examples, including some old
                   favorites (like speechtoy and yachtc3) downcoded to
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                     assembly language.  Includes a replacement for the
                     official audio device, an example of creating a
                     subtask, a rewrite in assembly of R. J. Mical's
                     file requester, an example of installing a custom
                     input handler ahead of intuition, and more.
                     Author:  Jim Fiore and Jeff Glatt

GurusGuide           The source files for all examples published in the
                     "Guru's Guide, Meditation #1: Interrupts" by Carl
                     Sassenrath, the architect of the Amiga's low-level
                     multitasking operating system and designer of Exec.
                     Author:  Carl Sassenrath

Isam                 A library of routines to access relational data base
                     systems using the Index Sequential Access Method (ISAM).
                     This is beta version 0.9, binary only.
                     Author:  Kai Oliver Ploog

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FileReq              A simple file requestor, written as an exercise by the
                     author to see how easy it would be (it wasn't).  Includes
                     source. Author:  Jonathan Potter

GnuGrep              The grep program from the GNU project.  Replaces grep
                     fgrep, egrep, and bmgrep.  Currently does not expand
                     Amiga style wildcards, so if you wish to scan multiple
                     files you will need to use it with a shell that does this
                     for you.  Version 1.3, includes source.
                     Author:  Mike Haertel, James Woods, Arthur Olson, Richard
                     Stallman, Doug Gwyn, Scott Anderson, Henry Spencer

HAMCu                Installs a custom copper list for the current active view
                     (usually workbench) that contains all the colours from 0x000
                     to 0xfff.  A neat effect and an easy way to show off the
                     color capabilities of the Amiga.  Includes source.
                     Author:  Jonathan Potter

Image-Ed             An shareware icon editor submitted by the author for
                     inclusion in the library.  Suggested shareware donation
                     of $20.  Version 1.8, binary only.Author:  Jonathan Potter

JPClock              A short clock program that is just packed with features.
                     Includes source. Author:  Jonathan Potter

MouseBounce          A short hack/game that makes your mouse pointer bounce
                     around the screen.  The object is to close the MouseBounce
                     window and exit the game.  Each time you click the mouse
                     button, the pointer speeds up.  Includes source.
                     Author:  Jonathan Potter

PopDir               A small utility which "pops open" to help you look at the
                     contents of a particular directory on demand.  Version 1.4,
                     includes source. Author:  Jonathan Potter

PopInfo              A small utility which "pops open" to give you information
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                    about the status of your devices and memory.  Version 2.9,
                    includes source.  Author:  Jonathan Potter

Teacher             Teacher is a short, simple hack.  I won't spoil the fun
                    by telling you what it does.  Includes source.
                    Author:  Jonathan Potter

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Bally               Amiga port of the former arcade game named Click.  This
                    version now has sound effects.  Version II, an update to
                    the version released on disk 181.  Binary only, shareware.
                    Author:  Oliver Wagner

BattleForce         A nicely done shareware game, submitted by the author,
                    that simulates combat between two or more giant, robot-like
                    machines.  Binary only, version 3.01. Author:  Ralph Reed

Chess               A port of a chess game posted to Usenet.  This is an update
                    to the version first included on disk 96.  It has been
                    upgraded to use an Amiga Intuition interface.  Version 2.0,
                    binary only.Author: John Stanback ported by Bob Leivian
                    Version 2.0 upgrades by Alfred Kaufmann

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Brownian            A demo based on both fractal theory and brownian motion.
                    Includes source. Author:  John M. Olsen

Hawk                A stereo image of a hawk.  Requires red/green stereo
                    glasses to view.Author:  Unknown (no documentation included)

MemFlick            Treats all the memory in your Amiga like it was part of
                    a bitplane inside a graphics display.  Provides sort of a
                    graphical picture of your memory usage.  Binary only.
                    Author:  Jim Webster

PeX                 A demo of the various graphics capabilities of the Amiga.
                    Author:  Unknown (no documentation included)

PictureGarden       Another demo, apparently in compiled basic.
                    Author:  Unknown (no documentation included)

StereoDemo          A demo of stereoscopic graphics, written in assembly
                    language.  Requires red/green stereo glasses to view.
                    Includes sources. Author:  David M. McKinstry

Triple              Three demos of some of the Amiga's graphics and sound
                    capabilities.  Binary only. Author:  Tomas Rokicki

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Coyote              Gene's entry to the 1988 Badge Killer Demo contest.
                    A very cute (and large) animation.  Requires about
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                     1900 blocks of disk space, so it is distributed in
                     "arc format". Author:  Gene Brawn

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AsteroidField  This is Michael's entry for the 1988 Badge Killer Demo
               Contest.  It is a large animation of a spacecraft flying
               madly through an asteroid field (chased by unseen foes)
               that includes a couple of near misses.
               Author:  Michael Powell

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Bowl           This is Vern's entry for the 1988 Badge Killer Demo
               Contest.  It is a Sculpt-Animate animation that shows
               three colored balls flying in circles above a mirrored
               bowl.  Rendering the animation took about 2 weeks.
               Distributed in zoo format because of its size (zoo
               program included for easy unpacking).Author:  Vern Staats

Dps            A program designed to work with the PrintScript program,
               a commercial PostScript interpreter for the Amiga, to
               provide a page previewer.  This is version 1.1 and includes
               source. Author:  Allen Norskog

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Calc           A very nicely done scientific/programmer/plotter calculator.
               The scientific portion has most of the operations found on
               the more popular handhelds. The programmer portion has all
               the special hex/binary/decimal conversions as well as
               register operations like ASL, ROL, LSL, AND, OR, XOR, etc.
               The plotter portion will plot equations.  Other features
               include 26 memories, full mouse or keyboard operation,
               pull-down menus, and iconization.  Version 3.0, binary only.
               Author:  Jimmy Yang

LabelPrint     A program that allows you to easily print labels for
               your disks.  Version 1.9, shareware, binary only (source
               available from author). Author:  Andreas Krebs

NuHand         An animation of a hand with fingernails scrapeing on a
               desktop, including sound effects.  This is Bryan's entry
               for the 1988 Badge Killer Demo Contest.  Binary only.
               Author:  Bryan Carey Gallivan

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AmigaWave      This is Allen's entry to the 1988 Badge Killer Demo
               Contest.  It is an animation with sound effects.
               Author:  Allen Hastings

Esperanto      A keymap modification to usa1 which, in conjunction with
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                    the supplied slate.font, will allow one to type in Esperanto
                    and Welsh, in any program that will use keymaps and fonts.
                    Author:  Glyn Gowing

Image-Ed           An shareware icon editor submitted by the author for
                    inclusion in the library.  Suggested shareware donation
                    of $20.  Version 1.9, binary only.  Fixes a serious bug
                    in the 1.8 version on disk 204. Author:  Jonathan Potter

SignFont           A keymap and font that will allow the user to be able
                    to type in American Sign Language, provided that one
                    knows the font. Author:  Glyn Gowing

VirusControl       A new virus detection and control program that checks
                    disks during insertion, protects from link viruses,
                    shows bootblock on a screen, periodically checks system
                    vectors, controls access to files with a requester, etc.
                    Version 1.3, includes full assembly language source code.
                    Author:  Pius Nippgen

FISH 212               Un-Pack this Disk
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Alice              This animation is Carey's entry to the 1988 Badge
                    Killer Demo Contest.Author:  Carey T. Pelto

DiskSalv           A disk recovery program for all Amiga file system devices
                    that use either the Amiga Standard File System or the
                    Amiga Fast File System.  Disksalv creates a new filesystem
                    structure on another device, with as much data salvaged from
                    the original device as possible.  This is an update to the
                    version released on disk 177.  Binary only.
                    Author:  Dave Haynie

DogsWorld          This animation is Charles' entry to the 1988 Badge
                    Killer Demo Contest. Author:  Charles Voner

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Cucug              This animation of the Champaign-Urbana Commodore Users
                    Group logo was submitted to the 1988 Badge Killer Demo
                    Contest by Ed Serbe. Author:  Ed Serbe

Icons              Almost 300 icons in eight (!) colors.  Uses a special
                    program to get an eight color workbench to display these
                    icons, which were made with DPaintII and IconGen.  Most
                    icons are miniatures of the main screen of their
                    corresponding programs, or the picture they show, made
                    with "iconize" and "recolor" from disk 85.
                    Author:  Wolf-Peter Dehnick

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ArcPrep            ArcPrep prepares files and/or directories for archival
                    with arc or any other program that can't scan through
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                different directories and/or handle long filenames.
                Version 2.1, includes source. Author:  Garry Glendown

MandelVroom     A Mandelbrot/Julia-curve generating program that features
                five numerical generators (integer, ffp, ieee, 020, and
                020/881) in hand-crafted assembly for maximum speed, online
                mouse selectable help for all functions, generation of
                multiple pictures simultaneously, a sophisticated user
                interface with shaded gadgets, etc.  Some of the other
                features include zoom, magnify, color-cycling, contouring,
                auto-contouring, histogram, statistics, presets, extra-
                halfbrite support, overscan, orbits, pan mode, and more.
                Requires 1Mb or more of memory.  This is the source to
                version 2.0, an update to the version on disk 78.  A
                compiled binary, along with help files and example
                images, can be found on disk 215. Author:  Kevin Clague

MemDiag         A memory diagnostic program to identify addresses which
                produce memory errors, and a memory quarantine program
                which removes such defective addresses from the system's
                free memory list, until such time as the hardware errors
                can be corrected.  Version 1.1, includes source.
                Author:  Fabbian Dufoe

RunBack         Another step in the evolution of Rob Peck's RunBackGround
                program, from disks 73 and 152.  Allows you to start a new
                CLI program and run it in the background, then closes the
                new CLI.  This version has been enhanced to use the NULL:
                device by Gunnar Nordmark (included), which is a "real"
                device, so it solves problems with previous versions of
                RunBack which used the Nil: "fake" device, causing many
                crashes.  Includes source.
                Author:  Rob Peck, Daniel Barrett, Tim Maffett

SmartIcon       This shareware program, submitted by the author,
                is an Intuition objects iconifier.  Version 1.0
                is limited to iconifying windows, which is still
                very handy.  It adds a new "iconify gadget" to
                each window, that when clicked on, iconifies the
                window into an icon in the ram: disk.  This is the
                same version as released on disk 134, but now includes
                the source code. Author:  Gauthier Groult

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MandelVroom     A Mandelbrot/Julia-curve generating program that features
                five numerical generators (integer, ffp, ieee, 020, and
                020/881) in hand-crafted assembly for maximum speed, online
                mouse selectable help for all functions, generation of
                multiple pictures simultaneously, a sophisticated user
                interface with shaded gadgets, etc.  Some of the other
                features include zoom, magnify, color-cycling, contouring,
                auto-contouring, histogram, statistics, presets, extra-
                halfbrite support, overscan, orbits, pan mode, and more.
                Requires 1Mb or more of memory.  This is version 2.0,
                an update to the version on disk 78.  Source is available
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                         on disk 214.Author:  Kevin Clague

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BackDrop       Backdrop allows you to define a pattern which will then
               be displayed on the workbench screen in the normally
               empty area behind all the windows.  Similar in concept
               to DropCloth, but this one does not require workbench
               to be loaded (and does not cohabit very well with
               workbench).  Includes source. Author:  Eddy Carroll

C64Emul        An April Fools spoof that turns your Amiga into a C64,
               or at least makes it look that way.  Includes source.
               Author:  Eddy Carroll

Cloud          A program that generates and displays fractal surfaces
               that look remarkably like clouds.  Based on ideas from
               the book "Fractals" by Jens Feder.  Binary only.
               Author:  Mike Hall

PrtSpool       A DOS handler, a print program, and a control program
               that implement a print spooling system.  Like PRT:, the
               DOS handler waits for stuff to be sent to it to be
               printed.  The print program does line numbering and
               page headers.  The control program handles administrative
               functions.  Binary only. Author:  Daniel Barrens

VirusX         Version 3.20 of the popular virus detection/vaccination
               program.  Features a test for 8 new viruses since the
               3.10 version on disk 175.  Includes source.
               Author:  Steve Tibbett

Wanderer       A neat little game with graphics and sound, ported
               from the Unix version, originally written on a Sun
               workstation.  The idea for Wanderer came from games
               such as Boulderdash, Xor, and the Repton games from
               Superior Software.  Includes a builtin editor for
               extending the game by adding additional screens.
               Version 2.2, includes source.
               Author:  Steven Shipway and others.  Amiga port by
               Alan Bland

FISH 217           Un-Pack this Disk
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AntiCBS        An animation cooked up by Leo in protest of CBS's coverage
               of the Hacker's Conference in Oct 88.  After reading the
               transcript I was angered enough to feel this needed
               widespread distribution, even though it is quite old.
               Author:  Leo 'Bols Ewhac' Schwab

Echo           A small replacement for the AmigaDOS echo that will do
               some special functions, such as clear the screen, delete
               to bottom of screen, scroll the screen, place the cursor
               at a particular location, and set the text style and/or
               color.  Includes source. Author:  Garry Glendown
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InstallBeep   This program replaces the DisplayBeep function so that an
                 IFF 8SVX sound is played instead of the screen flashing.
                 The PlayBeep function runs as a task in the background and
                 runs asynchronously so the length of the sound does not
                 slow anything down. Includes a couple of sample sound
                 files. Version 1.1, binary only.
                 Author: Tim Friest and Don Withey

SnipIt   An input handler wedge which allows you to clip text from
                 any window and then paste that text anywhere, as though
                 you had typed it on the keyboard. You mark the text you
                 want to "snip" using the mouse, and then use the mouse to
                 "paste" the last snipped text into the active window,
                 requester, or anywhere. Version 1.2, includes source.
                 Author: Scott Evernden

SonixPeek   A utility to let you list all the instruments used by one
                 or more Aegis Sonix score files. It can scan individual
                 files, or search one or more directories, checking all
                 score files in each directory. The output is a list of
                 all the instruments you need to have present in order to
                 be able to play the indicated score files. Includes source.
                 Author: Eddy Carroll

Stevie   A public domain clone of the UNIX 'vi' editor. Supports
                 window-sizing, arrow keys, and the help key. Version
                 3.6, includes source. This is an update to version
                 3.35a on disk 197. Author: Various, Amiga work by G. R.
                 (Fred) Walter

FISH 218   Un-Pack this Disk

EdLib   A library of additional functions for Manx. This is
                 version 1.1, an update to version 1.0 from disk 183.
                 Includes source.
                 Author: Edwin Hoogerbeets with C-functions from several
                 different authors

Mandel   Another mandelbrot generator program, with bits and pieces
                 of code from C. Heath and R.J. Mical. This is version 1.3,
                 an update to the version on disk 111. New features and
                 improvements include an ARexx interface, coordinates in
                 sight, more state info saved with a picture, batch files,
                 programmable functions, and more plotting options.
                 Includes source. Author: Olaf Seibert

Maze   A program that lets you build mazes and then solve them.
                 Mazes can be trivial one level mazes to very difficult
                 three level mazes. Version 1.2, includes source.
                 Author: Todd Lewis

PcPatch   Patches for PCCopy and PCFormat from the EXTRAS disk,
                 to allow reading, writing, and formatting of any kind of
                 MS-Dos style disks, including 720K 3.5" diskettes. Binary
                 only. This is an update to the version on disk 163.

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                    Author:  Werner Guenther

Scanner             Scanner makes commented C code of all intuition structures
                    in memory.  The structures will receive correct pointers
                    towards each other.  Scanner starts looking at
                    IntuitionBase, and follows all pointers, storing them in
                    memory.  When finished, it writes all the structures to
                    the standard output.  Version 1.0, includes source.
                    Author:  Stefan Parmark

Worm                An Amiga implementation of the classic "worms" program,
                    based on an article in the Dec 1987 issue of Scientific
                    American.  You can specify the size and length of the
                    worms, and the number of worms.  Includes source.
                    Author:  Brad Taylor, Amiga port by Chuck McManis

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DeepSky             A database containing information on 10,368 non-stellar
                    objects, 600 color contrasting easily resolved double
                    stars, 70 stars for setting circles, and misc white
                    dwarfs, red stars, binaries, etc.  The database is
                    distributed in zoo format, and is about 1.2 Mb after
                    extraction.  Version 5.0.Author:  Saguaro Astronomy Club

Mv                  A Unix style mv/cp/rm program that moves, copies, or
                    removes files.  Includes interactive mode, recursive mode,
                    and force quiet mode.  Copies file permissions, dates,
                    and comments, supports arp style wildcards, supports moves
                    across volumes, honors the delete bit.  Version 1.1,
                    includes source.  Author:  Edwin Hoogerbeets

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DNet                A link protocol that provides essentially an unlimited
                    number of reliable connections between processes on
                    two machines, where each end of the link can be
                    either an Amiga or a Unix (BSD4.3) machine.  Works
                    on the Amiga with any EXEC device that looks like the
                    serial.device.  Works on UNIX with tty and socket
                    devices. Achieves better than 95% average throughput
                    on file transfers. This is version 2.0, an update to
                    version 1.20 released on disk 145.  Includes sources
                    for both the Amiga and Unix versions. Author:  Matt Dillon

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AllocMaster         Allocmaster is a program inspired by Nick Sullivan's
                    "Reserve" article in Amiga Transactor, for controlling
                    the amount of both Chip and Fast memory available to
                    the rest of the system.  It is very useful for testing
                    applications in low-memory situations.  It also has
                    a snapshot feature to report differences in available
                    memory before and after running an application.  Version
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                          1.17, binary only. Author: John Gerlach Jr.

ANSIEd   Demo version of an ANSI screen file editor. It allows you
                          to easily create and modify a screen of ANSI-style
                          text/graphics on the Amiga. The standard ANSI color set
                          (red, green, yellow, blue, magenta, cyan, white) and text
                          styles (plain, boldface, underlined, italic) are provided,
                          along with some simple editing and drawing functions. This
                          demo version has the save features disabled. Version 1.2.0aD,
                          binary only. Author: Gregory Epley

BallyII   Amiga port of the former arcade game named Click. This
                          version adds a "cheat" mode and fixes some minor bugs.
                          Version II+, an update to the version released on disk
                          205. Binary only, shareware. Author: Oliver Wagner

DFrame   A utility that helps you to create animated bobs. It
                          installs itself in DPaint II, after which you can draw
                          each bob in DPaint II within its own frame and check the
                          animation by calling DFrame from within DPaint. Version
                          1.02, binary only. Author: Jan Buitenhuis

IFFM2   Demo version of an IFF support module for Interface
                          Technologies M2Amiga Modula-2 system. Includes a version
                          of ViewILBM (with source) that uses the IFF support routines.
                          Version 1.0.0D, binary only. Author: Gregory Epley

Steinschlag   A tetris like game (Steinschlag means "Falling Rock")
                          submitted by the author. Version 1.5, binary only.
                          Author: Peter Handel

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MemGauge   A tool to display the current memory usage, very much
                          like the usage bar Workbench displays in root directories.
                          Version 1.4, includes source.Author: Olaf 'Olsen' Barthel

Mischief   This little program is in the long tradition of "display
                          hacks". It uses the input.device to perform various acts
                          of mischief. Includes source.Author: Olaf 'Olsen' Barthel

Plplot   A library of C functions useful for scientific plotting
                          on the Amiga. The library is Lattice C compatible.
                          Contour plotting, three dimensional plotting, axis
                          redefinition, log-log plotting and multiple subpages are
                          a few of Plplot's features. The plots can be displayed
                          on a monitor or sent to a graphics file for subsequent
                          printing. Version 1.00, includes source.
                          Author: Tony Richardson

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Csh   Version 3.03a of a csh like shell derived from Matt
                          Dillon's shell, version 2.07. This is an update to the
                          version on disk 199. Includes a couple of new filter

            commands, new dir option, new editing options, sourcing
            of a standard startup file, and some bug fixes. Includes
            source. Author: Matt Dillon, Steve Drew, Carlo Borreo,
            Cesare Dieni

FixDisk   A program to recover as much as possible from a defective
            disk. It can sometimes recover damaged (unreadable)
            tracks, check file integrity, check the directory
            structure, undelete files, copy or show files, fix
            corrupted directory pointers, etc. Full intuition
            interface. Version 1.0, binary only.
            Author: Werner Guenther

GravSim   A program to animate up to 6 planetary masses, all of
            which exert a mutual gravitational force on each other.
            The planetary masses can be placed anywhere on the screen,
            and their mass and initial velocity can be determined by
            the user. The program then steps the animation through
            time, plotting and displaying the new position in the
            trajectory of each mass. Version 1.50, includes source.
            Author: Richard Frost

Iff2Sun   A small utility for those of you who may have access to a
            Sun workstation. Takes an Amiga IFF file and converts it to
            a Sun rasterfile format. This version is an update to the
            version released on disk 174, with better parsing, support
            for HAM mode, and some bug fixes. Source only, as the
            program needs to be re-compiled and run from a Sun.
            Authors: Steve Berry, Mark Thompson

IFFtoSUN   This program takes a standard IFF format image and trans-
            lates it into a SUN rasterfile format, like the Iff2Sun
            program also on this disk. However, this one runs on the
            Amiga. Version 1.31, includes source.Author: Richard Frost

Paccer   A pacman clone with sound and a game screen editor. This
            is version 1.0, shareware, binary only Author: Dirk Hoffman

PopInfo   A small utility which "pops open" to give you information
            about the status of your devices and memory. This is
            version 3.0, an update to the version on disk 204.
            Includes source. Author: Jonathan Potter

SetCPU   A program designed to allow the user to detect and modify
            various parameters related to 32 bit CPUs. Includes
            commands to enable or disable the text/data caches,
            switch on or off the '030 burst cache line fill request,
            use the MMU to run a ROM image from 32-bit memory, and
            to report various parameters when called from a script.
            This is version 1.5, an update to version 1.4 on disk 187.
            Includes source. Author: Dave Haynie

FISH 224   Un-Pack this Disk

CLImax   For all those people who wish that their CLI windows had
            25 lines of 80 characters just like an old fashioned non-

windowing computer, the answer is here. CLImax creates a
borderless backdrop CLI window on a custom screen. Also
thrown in is MoveSys, which reassigns SYS:, C:, S:, L:,
DEVS:, LIBS:, and FONTS: to a new volume with one simple
"pure" command. Includes source. Author: Paul Kienitz

KickMem   A program for A1000 hardware hackers that have done the
                Amazing Computing 512K upgrade. KickMem will patch your
                1.2 or 1.3 kickstart disk to perform addmem during
                kickstart. This allows warm boot surviveability of ram
                disk devices and eliminates addmem commands from your
                startup sequence. Version 2.0, includes source.
                Author: Dave Williams

MoreIsBetter   These two hacks make MORE more useful. One is called V;
                it's a small "pure" CLI command that acts as a front end
                for More, causing it to create its own window. Make V and
                More both resident! The other is Fenestrate, which
                surgically alters the CON: window spec inside More enabling
                it to, for instance, use ConMan features to create a
                borderless window on the topmost screen (very useful with
                CLImax). Includes source. Author: Paul Kienitz

PetersQuest   This cute game has you, the intrepid Peter, following
                a trail of hearts through a world of 20 levels, riddled
                with porcupines and other hazards, to rescue Daphne, the
                love of your life that has been kidnapped by the evil
                Brutus. Version 1.0, binary only. Author: David Meny

Who   This is a rewrite of "who", from disk 79, which gives
                substantially more elaborate information about the tasks
                currently running (or waiting) on your Amiga. Includes
                source. Author: George Musser, rewrite by Paul Kienitz

Xebec   A couple of hacks to make life easier for those who have
                Xebec hard disks. One makes it more possible to Mount a
                Xebec hard disk with the Fast File System, the other is a
                compact head parking program. Includes source.
                Author: Paul Kienitz

FISH 225   Un-Pack this Disk

AmigaTCP   This is the KA9Q Internet Software Package. The package
                supports IP, ICMP, TCP, UDP, and ARP as basic services, and
                implements the FTP, Telnet, and SMTP protocols as
                applications. It runs on IBM PC and clones, the Apple
                Macintosh, and the Amiga. Includes source.
                Author: Bdale Garbee, Phil Karn, Brian Lloyd

MyMenu   This program allows you to add your own menus to the
                WorkBench menu strip, to run commonly used commands.
                MyMenu will allow you to execute both CLI and WorkBench
                programs, and is configured with a normal text file.
                Includes source. Author: Darin Johnson

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FISH 226          Un-Pack this Disk
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Vlt              VLT is both a VT100 emulator and a Tektronix (4014 plus
                 subset of 4105) emulator, currently in use at SLAC
                 (Stanford Linear Accelerator Center).  Although the VT100
                 part was originally based on Dave Wecker et al.'s VT100,
                 many enhancements were made. The program requires ARP, and
                 it has an ARexx port.  XMODEM 1K/CRC and Kermit protocol
                 support also included.  This is version 4.036, with many
                 enhancements over the previous version, 3.656, included
                 on disk 202.  New features include support for other serial
                 ports, external file transfer protocols, and "chat" mode.
                 Improved behavior on the Workbench.  Tektronix emulation
                 now allows saving IFF files, PostScript files, and
                 printing bitmaps to the printer.  Many other enhancements
                 and bug fixes.  Binary only. Author:  Willy Langeveld

FISH 227          Un-Pack this Disk
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MidiLib          A disk based library that permits sharing of the serial
                 port by MIDI applications through a MIDI message routing
                 and processing system.  The midi utilities include a midi
                 monitor to display incoming midi messages to the console,
                 a routing utility, a midi library status utility, and more.
                 This is version 2.0, an update to the version released on
                 disk 101, and includes significant speed enhancements, new
                 utilities to play with MIDI files, and updated utilities,
                 documentation and examples.  Binary only (source for
                 examples and bindings however).Author:  Bill Barton

PickPacket       PickPacket gives you a visual display of the DosPacket
                 structures that are sent to handlers, and lets you see
                 the results.  You can actually perform handler operations
                 such as open files, read or write data, Examine or ExNext
                 locks, and so forth, all by talking directly to the file
                 system handler involved using PickPacket.  Version 1.0,
                 includes source. Author:  John Toebes and Doug Walker

RexxArpLib       A library which originally was supposed to be an ARexx
                 interface to the ARP library.  However, it has also become
                 an interface to various Intuition functions, containing over
                 50 functions including a file requester, string/boolean
                 requester, environment variable functions, simple message
                 window, wildcard expander, etc.  This is version 2.3, an
                 update to version 2.0 on disk 178.  Binary only.
                 Author:  W.G.J. Langeveld

RexxMathLib      A library which makes various high level math functions
                 such as sin, tangent, log, etc, available in ARexx.
                 Version 1.2 and 1.3, binary only.Author:  W.G.J. Langeveld

FISH 228          Un-Pack this Disk
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Az               A nice little text editor that is fast, simple to use,
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                       and very Amiga'ized.  Version 1.40, binary only.
                       Author:  Jean-Michel Forgeas


Glib                   A text screen oriented librarian and editor for synths.
                       Supports the TX81Z, DX100, DEP5, DW8000, and K-5.
                       Includes source. Author:  Tim Thompson, Steve Falco,
                       and Alan Bland


JazzBench              A drop-in multitasking replacement for WorkBench.  It
                       has more features that WorkBench and is fully multitasking
                       (no more waiting for ZZZ clouds).  It allows you to extend
                       it, add your own menus, key shortcuts, etc.  This is alpha
                       version 0.8, binary only. Author:  David Navas


Xoper                  Very comprehensive program to monitor and control system
                       activity.  Monitor cpu, memory usage, ports, interrupts,
                       devices.  Close windows, screens, show loaded fonts or last
                       Guru code number.  Clean up memory, flush unused libraries,
                       devices, fonts. etc. and a whole bunch more!  Spawns its own
                       process.  A very handy background task to have loaded.
                       This is version 1.3, an update to version 1.2 on disk 171.
                       Assembly source included. Author:  Werner Gunther


FISH 229               Un-Pack this Disk
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AlarmingClock          A simple alarm clock program with a very alarming
                       "ring", particularly if you hook it up to your
                       stereo and turn up the volume.  Includes source.
                       Author:  Brian Neal


DrawMap                A program for drawing representations of the Earth's
                       surface.  Can generate flat maps, mercator maps,
                       a globe view, or an orbital view.  Includes source.
                       Author:  Bryan Brown


Emporos                You are living on the island of Emporos, where several
                       countries exist.  Your goal is to make one of these
                       countries your own.  There is only one way to do this,
                       and you have to find it out.  Binary only.
                       Author:  Roland Richter


esuoM                  A little screen hack that causes the mouse pointer to
                       move in the opposite direction of the mouse.  Includes
                       source. Author:  Rob Eisenhuth


LeftyMouse             Swaps the functions of the left and right mouse buttons
                       so that Lefties can use the mouse with their left hands.
                       Includes source. Author:  Rob Eisenhuth


Shuffle                A basic screen shuffler.  Re-defines the key combination
                       Left-Amiga-M to push the FRONT screen to the back, instead
                       of pushing the Workbench screen to the back.  Includes
                       source. Author:  Rob Eisenhuth


Sim                    A simulator for register-transfer nets, which are used to
                       describe hardware systems.  This version also provides
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                        a compiler to define new devices in addition to Sim's
                        internal devices.  Version 4.0, binary only.
                        Author: Gotz Muller

FISH 230                Un-Pack this Disk
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AskTask                 Allows you to examine various bits of the task structures
                        of all tasks in the system, from the lists attached to
                        ExecBase.  Diskplays priority, state, flags, stack,
                        signals, etc.  You can also remove tasks, change the
                        priority of a task, or send arbitrary signals to a
                        task. Version 2/4/89, includes source.
                        Author:  J. Bickers

Fedup                   A random access, byte oriented file-editor that gives
                        you the option of viewing and editing any file (binary
                        or ASCII) using either ASCII or hexadecimal notation.
                        Version 2.1, binary only.Author:  Martin Lindemann

FileIt                  A simple database program, written in DRACO.  It is
                        meant to be portable, thus it does not use any of
                        Intuition's facilities.  Version 1.0, includes source.
                        Author: John Davis

NComm                   A communications program based on Comm version 1.34, by
                        DJ James, with lots of very nice enhancements.  Also
                        includes several auxiliary programs such as AddCall,
                        CallInfo, IbmIso, PbConvert, and ReadMail.  This is
                        version 1.8, binary only.
                        Author:  DJ James, Daniel Bloch, Torkel Lodberg, et al.

PrivHndlr               A privilege violation handler for the 68010 cpu.  Like
                        Decigel, but survives a reboot so you can use it with
                        copy protected programs that run from boot.  Version 3,
                        includes source in assembly code. Author:  John Veldthuis

Quattro                 Another Tetris like program.  Has three levels of
                        play difficulty, sound effects, a 43-color background,
                        next stone preview, and joystick or numberpad control.
                        Version 1.0, binary only, source available from author.
                        Author:  Karl-Erik Jenss

FISH 231                Un-Pack this Disk
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Diff                    Yet another diff program.  This one implements the
                        algorithm from Communications of the ACM, April 78.
                        It produces output which might be considered to be
                        a little more user friendly than the standard Unix
                        style diff programs.  Includes source.
                        Author:  Donald C. Lindsay

File                    A program that recognizes various types of files and
                        prints what that type is.  Recognizes font files,
                        icon files, executable files, standard object files,
                        compressed files, command scripts, C source, directories,
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                    iff files, LaTeX source, modula II source, arc files,
                    shell commands and scripts, TeX source, dvi files,
                    uuencoded files, yacc files, zoo archives, etc.
                    Version 1.0, includes source. Author: Edwin Hoogerbeets

NoClick2   A program which silences the clicking of empty drives
                    on the B2000 under AmigaDOS 1.3. It should also work
                    on an A500. Binary only, source available from author.
                    Author: Norman Iscove

Plot   A package for making 2D and 3D plots conveniently.
                    AG Baxter wrote the intuition interface program (Plot)
                    and Tim Mooney wrote the MultiPlot and ThreeDPlot
                    programs, which are called from Plot. This is version
                    1.2 and includes source to Plot.
                    Author:AG Baxter, Tim Mooney

Sed   This is the GNU sed (stream editor) program, ported to
                    the Amiga. Sed copies the named files, or the standard
                    input, to its standard output, while performing certain
                    editing operations specified in the command line script
                    or in a scriptfile. Version 1.02, includes source.
                    Author: Unknown, ported to Amiga by Edwin Hoogerbeets

FISH 232   Un-Pack this Disk

BallyIII   Amiga port of the former arcade game named Click. This
                    version fixes some minor bugs and is faster than the
                    previous versions. This is version III, an update to
                    the version released on disk 221. Binary only, shareware.
                    Author: Oliver Wagner

Dbug   Machine independent macro based C debugging package.
                    Provides function trace, selective printing of internal
                    state information, and more. This is an update to the
                    version released on disk 102, and now includes a machine
                    independent stack use accounting mechanism. Includes
                    source. Author: Fred Fish;
                    profiling support by Binayak Banerjee

ReSourceDemo   A demo version of ReSource, an interactive disassembler
                    for the Amiga. This is a complete version except that
                    the "save" features have been disabled. This is version
                    3.06, an update to version 0.36 from disk 192. Binary
                    only. Author: Glen McDiarmid

FISH 233   Un-Pack this Disk

Brik   A general purpose program that calculates both text and
                    binary cyclic redundancy codes (CRCs). Text mode CRCs
                    calculated by brik are portable across systems for files
                    that are in the usual text format on each system. Binary
                    mode CRCs are portable for files that are moved from
                    system to system without any change. Brik can be used
                    to verify and update an embedded checksum header in files.

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                    It runs under MS-DOS, UNIX system V, BSD UNIX, VAX/VMS,
                    and AmigaDOS.  This is version 2.0 and includes source.
                    Author:  Rahul Dhesi

CacheCard           An accessory to SetCPU for use with A2620 cards or
                    68030 systems.  It modifies the MMU table set up by SetCPU
                    to selectively control caching for each expansion card.
                    It's also an example of how an accessory program can
                    track down and modify the SetCPU MMU table without having
                    to read all kinds of MMU registers and figure it out for
                    yourself.  Version 1.00, includes source.
                    Author:  Dave Haynie

CrcLists            Complete CRC check files for disks 001-231 using the brik
                    program also on this disk.  These were made directly from
                    my master disks.  I have switched to brik, from the crc
                    program used to make the lists on disks 133, 146, and 173,
                    because it has more features and because source is
                    available. Author:  Fred Fish

FISH 234            Un-Pack this Disk
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KwikBackUp          A harddisk backup program that writes data track by track
                    onto multiple floppy disks.  Uses the archive bit, saves
                    and restores comments and protection flags, and skips
                    over bad spots during restore.  Version 1.0, includes
                    source in Modula-II. Author:  Fridtjof Siebert

MuchMore            Another program like "more", "less", "pg", etc.  This one
                    uses its own screen to show the text using a slow scroll.
                    Includes built-in help, commands to search for text, and
                    commands to print the text.  Works with PAL or NTSC, in
                    normal or overscan modes.  Supports 4 color text in bold,
                    italic, underlined, or inverse fonts.  Version 1.8,
                    includes source in Modula-II and assembly code.
                    Author:  Fridtjof Siebert

NetWork             Another program in the long tradition of "screen hacks"
                    for the Amiga.  Won't spoil the surprise by saying what
                    it does.  Version 1.0, includes source in Modula-II.
                    Author:  Fridtjof Siebert

PrintIt             A program to print IFF pictures on Epson compatible 9-pin
                    printers.  Prints in many resolutions, with many ways
                    to convert color pics to black and white.  Version 1.0,
                    includes source in Modula-II. Author:  Fridtjof Siebert

WBPic               Replaces Workbench's color 0 with an IFF hires non-
                    interlaced picture, in 2 or 4 colors.  Version 1.0,
                    includes source in Modula-II. Author:  Fridtjof Siebert

XHair               Replaces the mouse pointer with a screen wide crosshair,
                    which is useful for positioning things vertically or
                    horizontally.  Version 1.0, includes source in Modula-II.
                    Author:  Fridtjof Siebert
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FISH 235            Un-Pack this Disk
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CalcKey       A basic four function, memory resident, pop-up calculator
              which uses only about 24K of memory and can automatically
              type the answer to any calculation into the program you
              were using when it was popped up.  Version 1.0, binary
              only, shareware. Author:  Craig Fisher

Ct            An Amiga program to display images from a CT scanner,
              along with several new interesting sample images of scans
              of real people.  The display software, though it has a
              primitive user interface, is quite powerful, including
              functions like convolutions, averaging, laplacians, unsharp
              masking, edge detection, gradients, etc.  This is version
              2.2, an update to the version on disk 137.  Binary only.
              Additional image disks available from author.
              Author:  Jonathan Harman

MirrorWars    A new game featuring sound, title music, and two
              player mode.  You fight your opponent via laser rays,
              but beware of the mirrors reflecting your shots.
              Binary only. Author:  Oliver Wagner

FISH 236            Un-Pack this Disk
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AmigaBench    Optimized Amiga assembly versions of the Dhrystone
              benchmark.  Includes 68000 and 68020 versions.
              Author:  Al Aburto

DiskHandler   A sample implementation of a file system that reads and
              writes 1.2 format diskettes.  Includes source.
              Author:  Software Distillery

Heart3D       A program to find left ventricle outlines in the output
              of an Imatron CT scanner, and display wireframe animations
              of the beating heart.  Includes several sample CT scan
              outputs.  Binary only. Author:  Jonathan Harman

Ls            Version 3.1 of the popular UNIX style directory lister.
              This is an update to version 2.0 from disk 178, and
              includes some bug fixes, support for multiple wildcard
              pathnames, quicker sorting, a best-fit output, new
              output width and height options, and some other
              new features.  Includes source.Author:Justin V. McCormick.

Proc          Example program of how to create a full-fledged DOS
              process without needing to call LoadSeg first.  Based
              on an idea presented at BADGE.  Includes source.
              Author:  Leo Schwab

XprZmodem     An Amiga shared library which provides ZModem file
              transfer capability to any XPR-compatible communications
              program.  Version 1.0, includes source.Author: Rick Huebner

FISH 237            Un-Pack this Disk
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CLIPrint   An example of printing to the CLI from assembly code.
                Includes source (of course). Author: Jeff Glatt

CType   Another text file reader, but this one is small, reasonably
                fast, and includes bi-directional scrolling, search, go to
                a given percentage, and printing capabilities. Version 1.0,
                includes source in assembly. Author:

DPlot   A simple display program for experimental data, with the
                goals of supporting paging through lots of data and
                providing comfortable scaling and presentation. Version
                1.0, source available from author.Author: A. A. Walma

ILBMLib   A shared library (ilbm.library) to read/write IFF files,
                derived from the EA IFF code, along with various
                enhancements. Includes examples of using the library
                from C code, assembly code, or BASIC, along with source
                for examples and interface code. Author: Jeff Glatt

ParOut   Shows how to allocate and communicate directly with the
                parallel port hardware from an assembly language program.
                Includes source.
                Author: Jeff Glatt (original C code by Phillip Lindsay)

Speed   A performance benchmark useful for comparing Amiga
                processing speeds. Performs 10000 iterations of some
                selected groups of 68000 instructions while using the
                DateStamp time function to record how many ticks it takes
                to complete. This timed duration is then compared against
                two known prestored times, one for a stock A2000 Amiga and
                one for an A2620 enhanced A2000.   A relative comparison
                is calculated and displayed. Version 1.0, includes source
                in assembly language. Author: Jez San

FISH 238   Un-Pack this Disk

CWDemo   Demo version of a pop-up utility to control the color
                register assignments of Intuition custom screens.
                Version 3.1, binary only. Author: Kimbersoft

DMouse   A versatile screen & mouse blanker, auto window activator,
                mouse accelerator, popcli, pop window to front, push
                window to back, etc, widget. Includes DLineArt, a screen
                blanker replacement program for use with DMouse. This is
                DMouse version 1.20, an update to version 1.10 on disk
                168/169. Includes source. Author: Matt Dillon

LabelPrint   A program that allows you to easily print labels for
                your disks. This is version 2.5, an update to version
                1.9 from disk 210. Shareware, binary only (source
                available from author). Author: Andreas Krebs

NGC   Yet another virus check program. Checks the bootblock on
                all inserted floppy disks and reports nonstandard ones.

Checks the jump tables of all resident libraries and devices and reports suspicious entries. Version 1, includes source in assembly. Author: Ulf Nordquist

Pyth   A program to draw the Tree of Pythagoras. Version 1.1, includes source.Author: Andreas Krebs

Steinschlag   A tetris like game (Steinschlag means "Falling Rock") submitted by the author. This is version 1.8, an update to version 1.5 from disk 221. Binary only.
                Author: Peter Handel

FISH 239   Un-Pack this Disk

Brunjes   Various tools submitted together by the author. StringPkg is string package for both Forth style and NUL terminated strings. Date&Time are handy tools for getting and printing formatted date and time. Utils are utilities used by the other files. CursorControl is an example of moving the text cursor. SpaceOrEscape is a handy word for pausing or stopping program output. Includes source code.
                Author: Roy Brunjes

Evolution   This program graphically simulates the evolution of a species of "bugs", the insect kind. Bugs, represented by moving blobs, eat bacteria represented by single pixels. They mutate, compete for food, reproduce and pass their mutations to their offspring. Fascinating example of graphics and software simulation. Standalone image and source code. Author: Russel Yost

FFT   Highly optimized Fast Fourier Transform tools for digital signal processing. The FFT can be used to compute the frequency spectrum of a complex signal. It is useful in a variety of different applications. Floating point and integer versions. Mixture of high level and assembly language code. Includes source (requires JForth).
                Author: Jerry Kallaus

Guru   Handy "guru" number interpreter (well, handy after reboot anyway!). Tells you what "81000009" means, for example. CLI usage only. Standalone image with readme file. Source code included. Author: Mike Haas

H2J   Converts 'C' style '.h' include files to JForth style '.j' files. Useful when developing interfaces to new Amiga libraries like ARP, etc. Standalone image and source code.
                Author: Phil Burk

HAMmmm2   Graphics hack that displays moving lines in a HAM screen for a hypnotic effect. Uses sound tools from HMSL if available, for a drone sound that corresponds to the graphics image. Standalone image and source code.
                Author: Phil Burk

HeadClean   This program, combined with a fibre cleaning disk, can be

used to clean the heads on your disk drives. Source code
examples of accessing the Trackdisk device, and using
gadgets are included. Standalone image with source code.
Shareware. Version 2.0. Author: Phil Burk

JustBeeps   Simple example of using Audio and Timer devices. Plays a
               series of beeps whose pitches are based on a just intoned
               tuning system. Standalone image with source code.
               Author: Phil Burk

Mandelbrot   A fast Mandelbrot rendering program that uses some of the
               mathematical properties of the Mandelbrot set to greatly
               reduce the drawing time. Demonstrates graphics programming,
               assembly language, menus and IFF file I/O. Standalone image
               with source code.Author: Nick Didkovsky

NeuralNet   Example of Neural Net programming converted to JForth.
               Demonstrates a programming technique that many say is the
               wave of the future for software. This is a simple demo that
               shows neural propagation. Standalone image with source code.
               Author: Robert E. La Quey, ported by Jack Woehr

Textra   This easy-to-use text editor allows multiple windows,
               and provides a simple mouse driven interface. Those
               familiar with the "Macintosh style" editors will be
               comfortable with Textra's Cut, Copy and Paste commands.
               Standalone image. Documentation included. No source code.
               Author: Mike Haas

FISH 240   Un-Pack this Disk

CrossDOS   A "tryware" version of a mountable MS-DOS file system
               for the Amiga. This is a software product that allows
               you to read and write MS-DOS/PC-DOS and Atari ST
               formatted disks (Version 2.0 or higher) directly from
               AmigaDOS. This tryware version is a "readonly" version,
               which does not allow any writes to the disk. A fully
               functional version is available for a very reasonable
               price from CONSULTRON. Version 3.02, binary only.
               Author: CONSULTRON, Leonard Poma

Dis   An AmigaDOS shareable library which implements a symbolic
               single-instruction disassembler for the MC68000 family and
               a program which uses the library to disassemble/dump
               AmigaDOS object files, making full use of symbolic and
               relocation information. Includes source code in Draco.
               Author: Chris Gray

DM-Maps   IFF maps to the Dungeon Master game. All 14 levels are
               included. Author: Unknown

MemLib   A link library of routines to aid in debugging memory
               problems. Works with Lattice C 5.0 and possibly with
               earlier versions. It's features include trashing all
               allocated memory, trashing all freed memory, keeping
               track of freed memory with notification if it is

                    written to, notification of memory freed twice or
                    not at all, notification of overrunning or underrunning
                    allocated memory, generation of low memory conditions
                    for testing purposes, and identification of violations
                    of memory use by filename and line number of the
                    allocating routine. Includes source.
                    Author: John Toebes and Doug Walker

RunBack   This is version 6, an update to the version on disk 152
                    (the version on disk 214 appears to be on a different
                    evolutionary path). This version compiles under Lattice
                    with many optimizations enabled, and can be made resident.
                    Includes source.
                    Author: Rob Peck, Daniel Barrett, Greg Searle, Doug Keller

XprLib   External file transfer protocol library. Document and
                    code example for implementing external file transfer
                    protocols using Amiga shared libraries. This is an
                    update to the version included with the vlt program on
                    disk 226. Author: Willy Langeveld

FISH 241   Un-Pack this Disk

ASDG-rrd   Extremely useful shareware recoverable ram disk. This
                    AmigaDOS device driver implements a completely DOS
                    compatible disk device in memory that survives resets,
                    guru's, and crashes. An absolute must for those with
                    lots of ram. This is an update to the version released
                    on disk 58. It now works with up to 8Mb of memory. It
                    was rewritten in assembly and is now faster and much
                    smaller. Binary only. Author: Perry Kivolowitz, ASDG Inc.

CBBS   The W0RLI BBS system for use in amateur radio. Originally
                    written for IBM-PC compatibles, it was ported to the Amiga
                    by Pete Hardie. This is version 6.1c with source code.
                    Author: Hank Oredson, the CBBS group, Pete Hardie

Fix68010   A program which patches executables that fail to run
                    on machines equipped with an M68010, so that they no
                    longer use the prohibited priviledged instructions.
                    Binary only. Author: Gregor Brandt

Man   A program similar to the UNIX "man" program. Displays
                    information about a topic from manual pages. Does not
                    include any database of topics, you have to supply your
                    own. Version 1.2, includes source.Author: Garry Glendown

NoClick   A program which silences the clicking of empty drives
                    on the B2000 under AmigaDOS 1.3. It should also work
                    on an A500. This is version 3.4, an update to the
                    version on disk 231. Includes assembly source code.
                    Author: Norman Iscove

Tiles   A basic tile game like Shanghai or GunShy. A board is
                    covered with a set of 144 tiles, 36 different sets of
                    4 identical tiles, each with a picture on it. The

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                    object is to remove all the tiles, 2 at a time, by
                    matching identical tiles.  Version 2.1, includes source
                    in Modula II. Author:  Todd Lewis
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FISH 242   Un-Pack this Disk

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BootBlocks     Detailed documentation on what a bootblock is and
               how it works, along with some sample bootblocks and
               a program to install a custom bootblock.  Includes
               source for the sample bootblocks and the install
               program. Author:  Jonathan Potter

Check4Mem      Allows you to check for a specified amount of memory,
               with certain attributes, from a batch file.  If the
               requirements are not met, a WARN returncode is generated.
               Version 2, includes source. Author:  Jonathan Potter

CustReq        A glorified ASK command for your startup-sequence.  It
               generates a requester with the specified title, text,
               positive and negative gadgets (either of which can
               be the default), and an optional timeout value.
               Version 2, includes source. Author:  Jonathan Potter

FileReq        This is Jonathan's second version of a file requester,
               and is much more powerful than the one included on disk
               204.  Shareware, includes source.Author:  Jonathan Potter

FullView       A text viewer that uses gadgets at the bottom of the screen
               (thus can display text 80 columns wide), opens up to the
               full height of the workbench screen, has fast scrolling,
               and can work with compressed files (file compression
               program included).  Shareware, binary only, source available
               from author. Author:  Jonathan Potter

Image-Ed       An icon editor that allows you to draw and edit images up to
               150 by 90, in up to 16 colors.  Allows freehand drawing,
               empty or filled rectangles, ellipses, and triangles, lines
               curves, and polygons, copy, flip about x or y axis,
               stretching and condensing, flood fill and complement,
               text with selection and loading of font style, undo,
               magnified and normal sized images, and two active drawing
               screens at once.  This is version 2.2, an update to version
               1.9 on disk 211.  Binary only, source available from author.
               Author:  Jonathan Potter

JAR            A shareware game (Jump And Run) using 3-D graphics.  Your
               task is to collect the blue pills lying on the floors and
               steps, not to fall down or off the steps, and to avoid
               several monsters wandering about.  You can collect various
               sorts of weapons to use against the monsters.  Version 1.0,
               binary only, source available from author.
               Author:  Andreas Ehrentraut

JPClock        A short clock program that is just packed with features.
               This is version 1.2, an update to version on disk 204.
               Includes source. Author:  Jonathan Potter
```

PPrefs   Preferable Preferences is a program designed to replace
                the standard preferences, that is shorter, more efficient,
                and easier to use. Binary only. Author: Jonathan Potter

PaletteReq   An easy way to set the palette of any screen from your
                program. Includes source. Author: Jonathan Potter

PopInfo   A small utility which "pops open" to give you information
                about the status of your devices and memory. This is
                version 3.1, an update to version 3.0 on disk 223.
                Includes source. Author: Jonathan Potter

ZeroVirus   A fully integrated virus checker and killer, with bootblock
                save and restore features. Finds both bootblock and file
                based viruses. This is version 1.3, binary only.
                Author: Jonathan Potter

FISH 243   Un-Pack this Disk

FragIt   A dynamic memory thrasher for the Amiga. FragIt randomly
                allocates and deallocates psuedo-random size values of
                memory, ranging from 16 bytes to 50000 bytes by default.
                The result is an allocation nightmare, thousands of memory
                fragments are being created and destroyed continuously.
                This puts stress on the memory allocation routines of an
                application undergoing testing by simulating a very busy,
                highly fragmented memory environment. This is version 2.0,
                featuring many bug fixes, a full intuition interface,
                configuration settings via the icon, and more. Includes
                source. Author: Justin V. McCormick

ImageLab   A program which performs image processing on IFF pictures.
                Includes standard image processing functions such as
                convolution, averaging, smoothing, enhancement, histograms,
                FFT's, etc. Also includes file conversion functions,
                a clipboard, and other useful functions. Version 2.2,
                binary only. Author: Gary Milliorn

LPE   LaTeX Picture Editor is a graphical editor for producing
                "pictures" for the LaTeX system, which may be imported by
                LaTeX. You can draw boxes, dashed boxes, lines, vectors,
                circles, boxes with centered text, and plain text. This
                is version 1.0, binary only. Author: Joerg Geissler

NoClick   A program which silences the clicking of empty drives
                on the B2000 under AmigaDOS 1.3. It should also work
                on an A500. This is version 3.5, a last minute update
                to version 3.4 on disk 241. Includes assembly source code.
                Author: Norman Iscove

Password   A program which enhances your computers security by making
                it complicated enough that users without your password
                will get discouraged trying to boot and use your system.
                This should keep out most casual or nontechnical users.
                Version 1.21p, binary only. Author: George Kerber

Pcopy   An intuition based disk copier similiar to the resident
               "DiskCopy". This is version 2.0, a highly upgraded
               rewrite of the version on disk 151. It features high speed
               diskcopy with write-verify and data recovery from damaged
               tracks. A lot of effort has gone into making this copier
               friendly in its usage, as well in its multitasking
               properties. Binary only. Author: Dirk Reisig

SimGen   This program will add a 2 or 4 color picture to your
               WorkBench screen. If the picture is digitized, it will
               look much like a genlock, hence the name SimGen (Simulated
               Genlock). Binary only. Author: Gregg Tavares

SuperLines   A new lines demo with a realtime control panel that you
               can use to change various aspects of the action. Has 10
               builtin color palettes, support for things like color
               "smudge", color cycling, color "bounce", multiple resolu-
               tions, and can display either lines or boxes. This is
               version 1.0, binary only. Author: Chris Bailey

WarpUtil   Warp (version 1.11), UnWarp (version 1.0), and WarpSplit
               (version 1.1). Warp reads raw filesystems and archives
               them into a compressed version in a normal file. UnWarp
               turns them back into filesystems. WarpSplit splits them
               up into smaller pieces on a track by track basis.
               Binary only. Author: SDS Software

FISH 244   Un-Pack this Disk

BBChampion   This is BootBlockChampionIII, a very nicely done program
               that allows you to load, save, and analyze any bootblock.
               This is version 3.1, binary only. Author: Roger Fischlin

BootIntro   This program creates a small intro on the bootblock of any
               disk, which will appear after you insert the disk for
               booting. The headline can be up to 44 characters. The
               scrolling text portion can be up to 300 characters. This
               is version 1.2, an update to version 1.0 on disk 188.
               Binary only. Author: Roger Fischlin

FMC   An alternative to the NoFastMem program. Uses a cute little
               switch gadget to turn fast memory on or off. Version 1.2,
               includes source in assembly code. Author: Roger Fischlin

SizeChecker   Size checker uses a list of possible sizes of a file to
               check for unexpected changes in the size of those files.
               For example, it can be used to spot a link virus or to
               point out changes in the configuration of your system.
               With the appropriate comments added to your size list,
               you can check to see what version of the files you are
               using (1.2, 1.3, 1.4, ARP, etc). Version 1.0, binary only.
               Author: Roger Fischlin

TextDisplay   A text display program, like "more" or "less", but about
               half the size and handles all screen formats (pal/ntsc,

                    interlace/non-interlace, etc). This is version 1.52, an
                    update to version 1.1 on disk 188. Binary only.
                    Author: Roger Fischlin

XColor   A program designed to change the colors of any screen.
                    You can also add and subtract bitplanes in the screen,
                    or convert the screen to black and white (grayscale).
                    Handles HAM and EHB screens. Version 1.2, includes
                    source in assembly code. Author: Roger Fischlin

FISH 245   Un-Pack this Disk

ATOF   A small utility that allows you to use the fonts of another
                    disk without using the CLI. Version 1.0, binary only.
                    Author: Roger Fischlin

BootIntro   This program creates a small intro on the bootblock of
                    any disk, which will appear after you insert the disk for
                    booting. This is the "next generation" BootIntro, a
                    more colorful version than the one on disk 244, but
                    the text must be shorter. The first line can be up to
                    24 characters. The second and third lines can be up to
                    22 characters. The scrolling text can be up to 98
                    characters. This is "next generation version 1.1".
                    Binary only. Author: Roger Fischlin

Fenster   A program which can operate on windows owned by another
                    program, to close them, change their size, refresh gadgets,
                    move the window to the background, etc. Version 1.0,
                    includes source. Author: Roger Fischlin

PathMaster   A file requester with lots of features. Can be easily
                    configured by the programmer to suit a variety of
                    applications. Includes source. Author: Justin McCormick

Reversi   Plays the classical reversi game on an 8 x 8 square field.
                    Version 1.2, includes source in assembly code.
                    Author: Marc Fischlin

Vlt   This is a binary update to the vlt program on disk 226,
                    and fixes a problem with external protocol support.
                    You still need the rest of the files from disk 226.
                    Version 4.065, binary only. Author: Willy Langeveld

FISH 246   Un-Pack this Disk

Dmake   Release version 1.0 of Matt's version of the UNIX make
                    utility. Update to beta version released on disk 179.
                    Features multiple dependancies, wildcard support, and
                    more. Binary only. Author: Matt Dillion

LabelPrint   A program that allows you to easily print labels for
                    your disks. This is version 2.5b, an update to version
                    2.5 from disk 238. Shareware, binary only (source
                    available from author). Author: Andreas Krebs

NComm   A terminal program for the Amiga based on comm version 1.34.
                 Has hot keys for most program functions (including dialing
                 up to 10 phone numbers), PAL and NTSC support for normal
                 or interlaced screens, screen I/O greater than 2400
                 baud, ANSI/VT100 terminal emulation with full 8 color
                 text support, IBM graphics, optional translation styles,
                 split screen mode, full user control of color palette, full
                 support for all European languages, full serial port control
                 with baud rates up to 19200, script language, phonebook,
                 keyboard macros, and more. Version 1.8, binary only.
                 Author: DJ James, Daniel Bloch, et. al.

NoClick   A program which silences the clicking of empty drives
                 on the B2000 under AmigaDOS 1.3. It should also work
                 on an A500. This is version 3.6, an update to version
                 to version 3.5 on disk 243. Includes assembly source
                 code. Author: Norman Iscove

ScreenShare   A library and support programs that enable applications
                 to open up windows on other applications' custom screens.
                 For example, your editor may want to open a window on
                 your terminal emulator's screen so you can compose a
                 message while still being able to see the contents of
                 the terminal's screen. Both applications must cooperate
                 for the screen sharing to work. Version 1.2, includes
                 source for interface portions.Author: Willy Langeveld

Ty   A text display program based on Amiga "less" version 1.0.
                 Has both keyboard and mouse control of all functions,
                 an intuition interface, and uses the Amiga specific
                 keys (such as the Help key) correctly. Version 1.3,
                 includes source.Author:Mark Nudelman,Bob Leivian,Tony Wills

FISH 247   Un-Pack this Disk

AnalogJoystick   Software support for use of analog joysticks on the Amiga.
                 Includes a driver, a header file for code that calls the
                 driver, and an example program that uses the driver.
                 Includes source. Author: Dave Kinzer

AssemTools   A collection of files which should be of great interest
                 to Amiga assembly language programmers. The collection
                 includes 140 macro routines which make assembly language
                 programming a lot easier. There is also a library of
                 routines containing buffered C-like file handling
                 functions (fopen, fclose, fgets, fputs, etc) and a file
                 name requester. All routines are re-entrant. Includes
                 source for example programs using the macros and library,
                 and a 65c02 cross macro assembler. Author: Jukka Marin

RemoteLogin   A couple of programs which make possible remote access to
                 your Amiga. One program checks the serial port for an
                 incoming call, and starts a program when it is detected.
                 The other is a password protection program which allows
                 starting various programs based upon login id, thus

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                    providing some minimal security for your computer.
                    Includes source. Author:  Dave Kinzer

XprLib              External file transfer protocol library.  Document and
                    code example for implementing external file transfer
                    protocols using Amiga shared libraries.  This is version
                    2.0, an update to the version on disk 240, with many
                    extensions and enhancements.  Includes sample XPR library
                    and source. Author:  Willy Langeveld

FISH 248            Un-Pack this Disk
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AmiGantt            A project definition and management tool designed to
                    create a simple, interactive method of outlining the
                    task required to complete a particular project, using
                    the GANTT chart as the input format.  AmiGantt displays
                    the project in a multi-window mode with separate windows
                    for the GANTT chart, task information input, resource
                    histogram display, and Pert chart display.  Up to 500
                    tasks may be defined for any project, and a project may
                    contain other projects as tasks.  Version 3.0.0, shareware,
                    binary only. Author:  Donald Tolson

CLI-Colors          A simple little program to change the colors of the border
                    around a CLI window.  Includes source in assembly code.
                    Author:  Michael Sinz

Flipper             A small, fast, Othello program.  Does not use any look-
                    ahead methods.  Binary only. Author:  Michael Sinz

Maze                An example of a fully re-entrant maze generation program
                    written in assembly language using Manx's assembler.
                    Includes source. Author:  Michael Sinz

NetHandler          The Software Distillery's network file system handler
                    (NET:), using Matt Dillon's DNET to mount one Amiga's
                    devices on another Amiga.  It also serves as an example
                    file system written entirely in Lattice C.  Version 1.0,
                    includes source.  Author:  Software Distillery

Regex               An Amiga shared library version of the GNU regular
                    expression package from the Free Software Foundation.
                    A regular expression is a concise method of describing
                    a pattern of characters in a string. By use of special
                    wildcards, almost any pattern can be described. A regular
                    expression pattern can be used for searching strings in
                    such programs as editors or other string handling programs.
                    Version 1.0, includes source.
                    Author:  Edwin Hoogerbeets, FSF, Jim Mackraz

FISH 249            Un-Pack this Disk
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Automata            Four cellular automata programs.  AutomaTron is a one
                    dimensional cellular automation, Crud is a automation
                    based on a sum index rule, Demon is a cyclic space
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                    automation described in the Aug 89 Scientific American,
                    and Life is one of the oldest and best known of all
                    cellular automata. Includes source.
                    Author: Gary Teachout

Slicer   Slicer computes and displays images of the Mandelbrot
                and Julia sets. Unlike many Mandelbrot programs that
                generate pictures directly, Slicer computes and stores
                an array of raw data which it may then render into
                pictures in a number of ways. Version 1.0, binary only.
                Author: Gary Teachout

TurMite   A two dimensional turing machine simulator. Imagine a
                small bug crawling around on your computer display moving
                one pixel at a time. At each step it uses its internal
                state number and the color of the pixel it's on as indexes
                into a set of tables to decide what color to change the
                pixel to, what direction to move, and what its new internal
                state should be. Includes source. Author: Gary Teachout

FISH 250   Un-Pack this Disk

ASimplex   An implementation of the Simplex algorithm for solving
                linear programs. It uses the standardized MPSX-format
                for input data files. This is version 1.5, an update
                to version 1.2 on disk 199. Changes include bug fixes,
                the ability to run from CLI, it's own window for I/O,
                and some new and improved commands. Includes source.
                Author: Stefan Forster

Gravity-Well   A celestial motion simulator that simulates the motion
                of up to twenty bodies in a Newtonian universe. The
                view of the simulation may be scaled, rotated in three
                dimensions or repositioned. Includes source.
                Author: Gary Teachout

Paranoids   An asylum escape game. Paranoids is a traditional board
                game played by drawing cards, rolling dice, and moving
                pieces around the board. Each player has six pieces,
                four patients and two doctors. The object of the game is
                to get all of your patients out of the asylum. This is
                version 1.0, binary only.
                Author: Richard Anderson and Gary Teachout

RPSC   A reverse polish scientific calculator. RPSC is a
                programmable RPN calculator in the Hewlett-Packard
                tradition. It supports operations with real numbers,
                complex numbers, matrices, and 3-D vectors, as well as
                storage and recall of labeled variables. Data and
                programs may be saved, loaded, or written as ASCII text,
                to AmigaDOS files. This is version 1.1, binary only.
                Author: Gary Teachout

FISH 251   Un-Pack this Disk

Debug   A symbolic debugger for the Amiga. Features include
                 symbolic disassembly, simple expression parsing,
                 multiple breakpoints, memory fill, memory dump,
                 single step in trace mode, skip over subroutines, etc.
                 Version 2.10, binary only.Author:Jim Thibodeau
                 and Larry LaPlume

DiskSalv   A disk recovery program for all Amiga file system devices
                 that use either the Amiga Standard File System or the
                 Amiga Fast File System. Disksalv creates a new filesystem
                 structure on another device, with as much data salvaged from
                 the original device as possible. This is version 1.42, an
                 update to the version released on disk 212. Binary only.
                 Author: Dave Haynie

DiskSpeed   A disk speed testing program specifically designed to give
                 the most accurate results of the true disk performance of
                 the disk under test. Automatically updates and maintains
                 an ASCII database of disk results for tested disks. This
                 is version 1.0, includes source in C.Author: Michael Sinz

Linstrom   Some miscellaneous small programs from the Linstrom family.
                 Includes some basic games, some programs based on algorithms
                 from the Computer Recreations column in Scientific American
                 (demon, turmites, mountain), and a fish tank simulator.
                 Includes source. Author: Lloyd Linstrom and family

Monopoly   A simulation of the Parker Brother's board game MONOPOLY.
                 Binary only, source available from author.
                 Author: Ed Musgrove

RoadRoute   A trip planner that takes a list of cities and a list
                 of known routes between cities, and generates the distance
                 and time required to reach your destination. Version 1.0,
                 includes source. Author: Jim Butterfield

FISH 252   Un-Pack this Disk

CrossDOS   A "tryware" version of a mountable MS-DOS file system
                 for the Amiga. This is a software product that allows
                 you to read and write MS-DOS/PC-DOS and Atari ST
                 formatted disks (Version 2.0 or higher) directly from
                 AmigaDOS. This tryware version is a "readonly" version,
                 which does not allow any writes to the disk. A fully
                 functional version is available for a very reasonable
                 price from CONSULTRON. This is version 3.05b, an update
                 to version 3.02 on disk 240. Binary only.
                 Author: CONSULTRON, Leonard Poma

TrekTrivia   Very nice mouse-driven trivia type program for Star Trek
                 fans. Contains 100 questions with additional trivia disks
                 available from the author. This is version 2.0, an update
                 to the version on disk 180, and includes selectable skill
                 levels, a cheat mode, and 250K of digitized music. Binary
                 only, shareware. Author: George Broussard

Zerg   An Ultima clone that takes your character through a simple
                but deadly fantasy world where you get to slaughter monsters,
                talk with the inhabitants of fully populated towns, embark
                on royal quests, purchase a plethora of weapons, cast spells,
                and otherwise occupy yourself while your computer is engaged
                in more important business. Version 1.0, binary only.
                Author: Mike Shapiro

FISH 253   Un-Pack this Disk

DumpDiff   A small utility that prints the hexdumps of 2 files,
                with all differences between these two files highlighted.
                Version 1.0, includes source in Modula-II.
                Author: Fridtjof Siebert

Elements   Very nice interactive display of the the Periodic Table
                of Elements. Can display a large amount of pertinent
                data about a selected element along with a good deal of
                general and miscellaneous info. This is version 1.2a,
                an update to the version on disk 175. It loads faster,
                takes up less disk space, fixes a minor bug, and adds
                a couple of enhancements. Includes source in C.
                Author: Paul Thomas Miller

KeyMac   A keyboard macro processor that allows you to record
                keystrokes and then play them back. Version 0.1,
                includes source in Modula-II.Author: Fridtjof Siebert

MegaWB   A program that makes it possible to make your WorkBench
                screen as large as you like. Version 1.2, includes source
                in Modula-II. Author: Fridtjof Siebert

MuchMore   Another program like "more", "less", "pg", etc. This one
                uses its own screen to show the text using a slow scroll.
                Includes built-in help, commands to search for text, and
                commands to print the text. Works with PAL or NTSC, in
                normal or overscan modes. Supports 4 color text in bold,
                italic, underlined, or inverse fonts. Version 2.5, this
                is an update to version 1.8 from disk 234. Includes source
                in Modula-II and assembly code. Author: Fridtjof Siebert

MultiSelect   A small program that makes it possible to select several
                icons on the workbench without having to press the Shift
                key. This is version 1.0, includes source in Modula-II.
                Author: Fridtjof Siebert

PowerPacker   A shareware command and data cruncher, with a full intuition
                user interface. Executable files which are crunched are
                automatically decrunched upon execution, thus saving precious
                disk space on systems without hard disks. Version 2.3b,
                binary only. Author: Nico Francois

WBShadow   A small program that creates a shadow for everything
                that's displayed on your WorkBench (Windows, Icons, Gadgets,
                Menus, Texts, etc). This is version 1.0, includes source
                in Modula-II. Author: Fridtjof Siebert

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With             A CLI command that allows you to start any other CLI command
                 several times and give it all the files that match a file
                 pattern as an argument, one at a time.  This is version 1.0,
                 includes source in Modula-II. Author:  Fridtjof Siebert


FISH 254           Un-Pack this Disk
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Etale            Another "more" or "less" type file reader, which differs
                 from the others in that it supports superscripts and
                 subscripts at very low memory cost, and supports a
                 complete Greek alphabet.  Includes source.
                 Author:  William Hammond


MachII           A "mouse accelerator" program that also includes hotkeys,
                 the features of sun mouse, clicktofront, popcli, title bar
                 clock with a bbs online charge accumulator, and more.
                 This is version 2.6, an update to version 2.4c on disk
                 163.  Binary only. Author:  Brian Moats


PatternLib       A sharable library which implements AmigaDOS pattern
                 matching, and a program that compiles "fd" files into
                 library headers and interface stubs.  Includes source
                 in Draco. Author:  Chris Gray (?), posted on BIX by Jeff White


SlotCars         A fast action one or two player game of "dueling" slotcars.
                 Shoot rockets at your opponent and avoid his.  Binary only.
                 Author:  Brian Moats


Uedit            Version 2.5b of this nice shareware editor.  Has learn
                 mode, a command language, menu customization, hyper text,
                 and other user configurability and customizability
                 features.  Binary only, shareware, replaces version 2.4g
                 on disk 189. Author:  Rick Stiles


FISH 255           Un-Pack this Disk
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CyclicSpace      A Griffeathian cyclic space generator program.  Implements
                 a cellular automaton as described in the August 89 issue
                 of Scientific American.  Version 1.42, includes source in
                 assembly code. Author:  A. J. Brouwer


MakeIcon         This program will make an icon (.info file) using image
                 data from either another icon, or an IFF picture file.
                 The image data is drawn on the screen so you can see
                 exactly what your icon will look like.  You can also
                 go the other way, and make IFF files from icons, which
                 can then be loaded into a standard IFF graphics editor.
                 Version 1.1, binary only, source available from author.
                 Author:  Paul Blum


MED              A music editor much like SoundTracker.  A song consists
                 of up to 50 blocks of music, which can be played in any
                 order.  Editing features include cut/paste/copy tracks
                 or blocks, changing the vibrato, tempo, crescendo, and
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                       note volume.  Other features include switching of the
                       low-pass-filter on or off on a per song basis, and a cute
                       little animated pointer of a guy doing "jumping jacks" in
                       time to the music!  This is version 1.12, binary only.
                       Source for a player program included Author:  Teijo Kinnunen
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RolandD110     A program to transfer sound samples between the Amiga
               and a Roland D-110.  Version 1.0, binary only.
               Author:  Dieter Bruns
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```
RolandS220     A program to transfer sound samples between the Amiga
               and a Roland S-220.  This is version 2.0, an update to
               MIDIsoft version 1.0 on disk 199.  Includes several
               enhancements.  Binary only. Author:  Dieter Bruns
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```
SunMaze        The 3d maze demo from disk 171, now expanded with shadows
               in the corridors to give more sense of direction.  Includes
               source. Author:  Werner Gunther,  Shadows by Dirk Reisig
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FISH 256           Un-Pack this Disk
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BlitDemons     This program implements the Demons cellular automaton as
               described in the August, 1989, issue of Scientific American.
               Using extremely simple rules it exhibits rather complex
               behaviour.  Uses the blitter to perform over 350,000 cell-
               generations per second.  Version 1.0, includes source.
               Author:  Walter Strickler
```

```
NameGame       A game based on a popular type of word skill puzzle contest
               generally sponsored by newspapers.  Binary only.
               Author:  Mike Savin, Gladstone Productions
```

```
Stevie         A public domain clone of the UNIX 'vi' editor.  Supports
               window-sizing, arrow keys, and the help key.  This is
               version 3.7a, an update to version 3.6 on disk 217.
               Changes include the addition of ARP wildcard expansion
               for file names, support for the "!cmd" feature of vi,
               other small enhancements, and some bug fixes.  Includes
               source. Author: Various, Amiga work by G. R. (Fred) Walter
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FISH 257           Un-Pack this Disk
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ColorReq       A color palette library callable from any program. Used
               to adjust the colors of any screen. Automatically adjusts
               to screen size, number of colors.  Has many features
               including SPREAD, COPY, UNDO, RGB, HSV, as well as
               customizable gadgets.  Binary only.
               Author:  Jeff Glatt and Jim Fiore
```

```
FileIO         An update to the file requester library that appeared on
               disk #203.  This one has new features, include files, docs,
               and examples in C, assembly, and Basic.  Binary only
               Author:  Jeff Glatt and Jim Fiore
               based on original C by R.J. Mical
```

Vlt   VLT is both a VT100 emulator and a Tektronix (4014 plus
                 subset of 4105) emulator, currently in use at SLAC
                 (Stanford Linear Accelerator Center). Although the VT100
                 part was originally based on Dave Wecker et al.'s VT100,
                 many enhancements were made. The program requires ARP,
                 and it has an ARexx port. XMODEM 1K/CRC and Kermit protocol
                 support also included. Other features include support for
                 additional serial ports, external file transfer protocols,
                 and "chat" mode. The Tektronix emulation allows saving
                 IFF files, PostScript files, and printing bitmaps to the
                 printer. This is version 4.226, an update to version 4.065
                 on disk 245 and version 4.036 on disk 226. It comes in two
                 versions, one with Tektronix emulation, and one without.
                 Other changes include full XPR version 2.0 support, and a
                 scrollback/review/history buffer. Binary only.
                 Author: Willy Langeveld

FISH 258   Un-Pack this Disk

Backup   Backup and Restore allow you to backup any directory
                 tree with optional compression, and later extract all
                 or part of the tree. The protection, date, and file
                 comment are saved with each file. This is version 2.04,
                 an update to version 2.01 on disk 168. Binary only.
                 Author: Matt Dillon

DMouse   A versatile screen & mouse blanker, auto window activator,
                 mouse accelerator, popcli, pop window to front, push
                 window to back, etc, widget. Includes DLineArt, a screen
                 blanker replacement program for use with DMouse. This is
                 DMouse version 1.20, an update to the version on disk
                 238 (also called version 1.20). Includes source.
                 Author: Matt Dillon

STReplay   A shared library which allows loading and playing of
                 SoundTracker modules, even from high level languages like
                 Basic or C, without any special effort. Includes source.
                 Author: Oliver Wagner

Suplib   The support library needed to rebuild various programs
                 of Matt's from the source, including Dme, DMouse, etc.
                 Update to version on disk 169. Includes source.
                 Author: Matt Dillon

FISH 259   Un-Pack this Disk

EFJ   A fast action machine-code game (Escape From Jovi)
                 featuring hi-res scrolling, large playfield, disk based
                 high score list, stereo sound, multiple levels, a cheat
                 mode, realistic inertia and gravitational effects, an
                 animated sprite, and more. Use a joystick in port 2 to
                 control the ship. This is version III, an update to the
                 version on disk 148. Includes source in assembly code.
                 Author: Oliver Wagner

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FISH 260          Un-Pack this Disk
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Accordion   Demo version of a solitaire type card game. The object
                 of the game is to condense all the cards into one pile.
                 The cards are dealt face up from left to right, one at
                 a time. Piles are built by moving a card or pile from
                 the left onto a card or pile to the right. Version 1.0.1,
                 binary only. Author: Steve Francis

Calculation   Demo version of a solitaire type card game. The object
                 of the game is to stack the cards into four ordered stacks,
                 one that counts by one, another that counts by two, another
                 that counts by three and another that counts by four.
                 Version 1.0.2, binary only. Author: Steve Francis

CCLib   An implementation of the standard C library, that is done
                 as an Amiga shared library, containing over 140 functions.
                 Version 1.3, binary only. Author: Robert Albrecht

SeaHaven   Demo version of a solitaire type card game. The object
                 of the game is to separate the deck into its four suits,
                 each in an ordered stack from ace to king. Version 1.1,
                 binary only. Author: Steve Francis

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FISH 261          Un-Pack this Disk
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CopDis   A copper list disassembler that can be run from the
                 CLI or linked with and run directly from an application
                 program. This is version 0.0a and includes source.
                 Author: Karl Lehenbauer

ShowBiz   A fun animation with mice, a dancing alligator,
                 a sheep on a trampoline, and more. Includes
                 source in "director format". Author: Robert Corns

XprZmodem   An Amiga shared library which provides ZModem file
                 transfer capability to any XPR-compatible communications
                 program. This is version 2.0, an update to version 1.0
                 on disk 236. It adds support for XPR spec version 2.0
                 capabilities, including automatic download activation,
                 better user interface for setting options, improved
                 transmission speed, and other minor enhancements.
                 Includes source. Author: Rick Huebner

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FISH 262          Un-Pack this Disk
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Indent   This is version 1.1 of GNU Indent, a C source code
                 formatter/indenter. Especially useful for cleaning
                 up inconsistently indented code. Includes source.
                 Authors: Developed by the University of California,
                 Berkeley, the University of Illinois, Urbana, and Sun
                 Microsystems, Inc. GNU version by Jim Kingdon, Amiga
                 port by Dan Riley.

Jumble   A quick "brute force" program for solving for anagrams.
                Not very elegant, but gets the job done. Includes source.
                Author: Mike Groshart

Lotto   Lotto is designed to replace your user group's old shoebox
                full of membership numbers and names and add some pizzaz to
                the process of drawing for doorprizes at club meetings.
                Includes source. Author: Mike Groshart

QMouse   A very small mouse accelerator (4K) written in assembly
                language, but with most of the features of its larger
                cousins. Not related to QMouse on disk 49. This is
                version 1.6, shareware, binary only. Author: Lyman Epp

QView   A very small file view program (only 3K) written in assembly
                language, but with most of the features of its larger
                cousins. Version 1.1, shareware, binary only.
                Author: Lyman Epp

WorldDataBank   A project using geographical data, declassified and made
                available by the CIA under the Freedom of Information Act,
                to draw a Mercator projection of any area of the Earth
                that you would like to inspect, in various degrees of
                magnification. Also includes a program that displays a
                "satellite view" of any region. Version 2.0, includes
                source. Author: The CIA, Mike Groshart, Bob Dufford

FISH 263   Un-Pack this Disk

Sentinel   A large ray-traced animation created with Turbo Silver
                SV, Deluxe Photolab, Deluxe Paint III, and the Director.
                It consists of approximately 60 to 70 frames of animation,
                rendered during a period of about three and a half weeks.
                This is Bradley Schenck's entry to the 1989 BADGE Killer
                Demo contest, and won first place in the contest. Because
                of its size, it has been split across two disks. The rest
                of the files are on disk 264. Requires 3Mb or more of
                memory to run. Author: Bradley Schenck

FISH 264   Un-Pack this Disk

Sentinel   A large ray-traced animation. This is Bradley Schenck's
                entry to the 1989 BADGE Killer Demo contest, and won first
                place in the contest. Because of its size, it has been
                split across two disks. The rest of the files are on disk
                263. Author: Bradley Schenck

FISH 265   Un-Pack this Disk

VAUX-Killer   A very funny animation which won 2nd place in the 1989
                BADGE Killer Demo Contest. Because of its size, the
                demo is split across two disks. The other files are
                on disk 266. Two floppy drives, or a hard disk, are
                strongly recommended. Binary only.Author:Roger Curren

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FISH 266          Un-Pack this Disk
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VAUX-Killer   A very funny animation which won 2nd place in the 1989
              BADGE Killer Demo Contest.  Because of its size, the
              demo is split across two disks.  The other files are
              on disk 265.  Two floppy drives, or a hard disk, are
              strongly recommended.  Binary only.Author:  Roger Curren

FISH 267          Un-Pack this Disk
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Diglib        An Amiga device independent graphics library for fortran
              applications.  This is an enhanced and debugged version
              of a public domain library, the development of which was
              sponsored by the US Government.  This library is required
              for part of the Matlab package, also included on this disk.
              Includes source in FORTRAN.
              Author:  Hal Brand, Craig Wuest, James Locker

Mackie        A versatile cli/macro-key initiator based on POPCLI with
              a unique method of "screen-blanking".  I won't say more,
              just try it!  This is version 1.3, an update to version
              1.2 from disk 189.  Now includes automatic generation of
              different patterns and some bug fixes.  Includes source.
              Author:  Tomas Rokicki

Matlab        A FORTRAN package (MATrix LABoratory) developed by Argonne
              National Laboratories for in house use.  It provides
              comprehensive vector and tensor operations in a package
              which may be programmed either through a macro language
              or through execution of script files.  Supported functions
              include sin, cos, tan, arcfunctions, upper triangular,
              lower triangular, determinants, matrix multiplication,
              identity, hilbert matrices, eigenvalues, eigenvectors,
              matrix roots, matrix products, inversion, and more.
              Amiga specific features include workbench startup, polar
              plots, contour plots, enhanced plot buffer control, and
              algorithmic plot display generation.  Includes source in
              FORTRAN. Author:  Cleve Moler, Jim Locker

FISH 268          Un-Pack this Disk
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Doctor_A      This animation of Amiguy on the basketball court is
              Marvin's entry to the 1989 BADGE Killer Demo Contest.
              The animation source (for SculptAnimate-4D) is available
              from the author. Author:  Marvin Landis

Klide         This line art demo is Jerry's entry to the 1989 BADGE
              Killer Demo Contest, where it won 4th place.  Klide uses
              line mode blitter code which is capable of rendering short
              vectors at a rate up to 15,000 lines/second.  Binary only.
              Author:  Jerry Kallaus

OnlyAmiga     This demo is Rob's entry to the 1989 BADGE Killer Demo
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                      Contest, where it won 9th place.  It demonstrates sound,
                      multitasking, HAM color, the blitter, and more.  Binary
                      only. Author:  Rob Peck

FISH 269              Un-Pack this Disk
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Calendar              A program that generates calendars in any one of 10
                      standard formats for any year after 1900.  Binary only.
                      Author:  Pierre A du Parte

ChessTutor            Chess tutor is a program designed to introduce novice
                      chess players to the basics of the game.  Shareware,
                      written in AmigaBASIC. Author:  William Jordan

PropGadget            Example code for using proportional gadgets, written
                      in assembly code and C, that can be called from your
                      own application.  Includes source.Author:  Jerry Trantow

RadBoogie             This demo, which won 7th place in the 1989 BADGE Killer
                      Demo Contest, uses almost all features of the Amiga
                      extensively, including the copper, blitter, sprite
                      hardware, 68000 machine language, and preemptive
                      prioritized multitasking.  Includes source.
                      Author:  Dave Quick, Mark Riley, Tomas Rokicki

ShowDisk              A useful program that graphically shows the map of
                      sectors used on floppy drives by one or more files.
                      The mapping is color coded so you can identify what
                      sectors are used by the various directories and files.
                      Includes source in assembly language.Author:  Bernhard Meisner

SpinPointer           While going through some musty archives I found this
                      little gem that got overlooked before.  It is a short
                      source module that provides a "busy" indicator replacement
                      for the standard mouse pointer.  Includes source.
                      Author:  Mark Rinfret

FISH 270              Un-Pack this Disk
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ColumnSet             A text filter program that takes as input a file with
                      one word per line and produces a file with these words
                      laid out in the same order in even columns, as many as
                      will fit across the output screen or page with at least
                      one space between columns.  Includes source in Modula-2.
                      Author:  Kent Paul Dolan

MRBackUp              A hard disk backup utility that does a file by file
                      copy to standard AmigaDOS floppy disks.  Includes an
                      intuition interface and file compression.  This is
                      version 3.3d, an update to version 2.4 on disk 170.
                      Binary only. Author:  Mark Rinfret

TooMuch3D             This animation is Jim's entry to the 1989 BADGE Killer
                      Demo Contest, where it won 10th place.  It is a warning
                      to those of you who spend too much time in front of your
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                        computer monitors.  Binary only. Author:  Jim Robinson

FISH 271              Un-Pack this Disk
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CPUStandoff     This cute "computer wars" animation is Bob's entry to
                the 1989 BADGE Killer Demo Contest.  Lots of visual
                jokes in this one.  Binary only. Author:  Bob Janousek

LaserBoing      This ray-traced animation with sound is Mike's entry to
                the 1989 BADGE Killer Demo Contest.  This "Amiga Boing"
                ball is just loaded with energy!  Binary only.
                Author:  Mike van der Sommen

FISH 272              Un-Pack this Disk
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AmigaPunt       A program designed to predict the performance of horses
                in a race.  The premise is that the factors affecting
                a horse's performance, and ultimately the result of the
                race, can be given a value.  Binary only.
                Author:  Pierre A du Parte

Balloon         This animation with sound effects is Dave's entry to the
                1989 BADGE Killer Demo Contest.  Binary only.
                Author:  Dave Schreiber

Spigot          This ray-traced animation, using overscan HAM and sound
                effects, is Eric's entry to the 1989 BADGE Killer Demo
                Contest, where it won 6th place.  Binary only.
                Author:  Eric J. Fleischer (Dr Gandalf)

FISH 273               Un-Pack this Disk
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BattleForce     A nicely done shareware game, submitted by the author,
                that simulates combat between two or more giant, robot-like
                machines.  This is version 3.61, an update to version 3.01
                on disk 205.  Binary only. Author:  Ralph Reed

PennyWise       An easy to use, flexible cashbook program using an Amiga
                Intuition interface.  It can be used to keep track of the
                financial transactions of a cheque, bank, business, or
                similar account.  Shareware, binary only.Author:Pierre A du Parte

FISH 274              Un-Pack this Disk
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HP11            Emulates an HP11C calculator including the program mode.
                Features an ON/OFF button that turns the calculator into
                an icon that will sit and wait until you need it again.
                This is version 1.1, an update to the version on disk 153,
                and includes a few bug fixes and minor changes.  Binary
                only. Author:  David Gay

KeyBiz          This little hack will make you think you have mice
                scurrying around in the back of your computer.  Includes
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                    source. Author:  Mark Schretlen

LookFor             A general "find that file" utility which is handy for
                    hard drives, multiple drives, and multilayered paths.
                    Includes source. Author:  Mark Schretlen

SlideMaster         A slideshow program that can show any IFF ILBM picture,
                    including HAM, extra half bright, hires, interlace, and
                    overscan, using several different wipes.  Also has an
                    ARexx port and is fairly small.  Version 0.1, binary only.
                    Author:  Aric Caley

Snap                A tool for clipping text or graphics from the screen, using
                    the clipboard device.  Snap finds out character coordinates
                    automatically, handles different fonts, keymaps, accented
                    characters, and more.  Version 1.3, includes source.
                    Author:  Mikael Karlsson

Xoper               Very comprehensive program to monitor and control system
                    activity.  Monitor cpu, memory usage, ports, interrupts,
                    devices.  Close windows, screens, show loaded fonts or last
                    Guru code number.  Clean up memory, flush unused libraries,
                    devices, fonts. etc. and a whole bunch more!  Spawns its own
                    process.  A very handy background task to have loaded.
                    This is version 2.0, an update to version 1.3 on disk 228,
                    and has a completely rewritten interface and an iconify
                    feature.  Assembly source included. Author:  Werner Gunther

FISH 275            Un-Pack this Disk
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Vt100               Version 2.9 of the original Amiga vt100 emulator with
                    kermit and xmodem file transfer.  This version adds an
                    AREXX port, new script and AREXX commands, some bug
                    fixes, the ability to use custom external protocol
                    modules (not XPR), and support for zmodem.  Update to
                    version 2.8 on disk 138.  Includes source.
                    Author:  Dave Wecker, Tony Sumrall, Frank Anthes,
                    and Chuck Forsberg

FISH 276            Un-Pack this Disk
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Blit                This animation is Richard's entry to the 1989 BADGE
                    Killer Demo Contest.  An interesting feature of this
                    animation is that it uses the Copper to show the lower
                    right corner of the screen in Hi-Res, while leaving
                    the rest of the screen in Lo-Res.  Binary only.
                    Author:  Richard Addison

ClickDOS            A "directory utility" type program which is reasonably
                    small, uses a single window on the Workbench screen
                    (which can also be iconified), does not rely on other
                    programs for most of its functions, and is very memory
                    efficient.  This is version 1.10, binary only.
                    Author:  Gary Scott Yates
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DateRequester   A module that provides Intuition based support for
                soliciting a date value from the user. It supports both
                point-and-click selection of date values and direct
                entry of the individual components. It also includes
                a standalone ARexx driven date requester program which
                can be called from ARexx macro files. Includes source.
                Author: Mark Rinfre

FISH 277   Un-Pack this Disk

ARTM   ARTM (Amiga Real Time Monitor) displays and controls
                system activity such as tasks, windows, libraries, devices,
                resources, ports, residents, interrupts, and vectors.
                Version 0.9, binary only.
                Author: Dietmar Jansen and F. J. Mertens

Icon   A high-level programming language with extensive facilities
                for processing strings and lists. Icon has several novel
                features, including expressions that may produce sequences
                of results, goal-directed evaluation that automatically
                searches for a successful result, and string scanning that
                allows operations on strings to be formulated at a high
                conceptual level. Icon resembles SNOBOL4 in its emphasis on
                high-level string processing and a design philosophy that
                allows ease of programming and short, concise programs.
                This is version 7.5 of the public domain implementation of
                Icon from the University of Arizona. It is an update to
                version 6.0 from disk 81. Binary only.
                Author: Ralph Griswold, Clinton Jeffery, et. al.

LabelPrint   A program that allows you to easily print labels for
                your disks. This is version 3.0, an update to version
                2.5 from disk 238. Shareware, binary only (source
                available from author).Author: Andreas Krebs

LPE   LaTeX Picture Editor is a graphical editor for producing
                "pictures" for the LaTeX system, which may be imported by
                LaTeX. You can draw boxes, dashed boxes, lines, vectors,
                circles, boxes with centered text, and plain text. This
                is version 1.1, an update to version 1.0 on disk 243, and
                includes some new drawing tools, enhanced user interface
                features, optimized code, and some bug fixes. Binary only.
                Author: Joerg Geissler

WBAssign   A small WorkBench program that creates AmigaDOS assignments
                without having to open a CLI. Assignments may be made by
                specifying a complete path (as supported by the CLI command),
                or by specifying a path relative to the current directory.
                This allows a program and its assigns to be moved easily.
                In addition, WBAssign can create assigns specified in the
                icon files of other programs located anywhere in the system.
                This is version 1.20, binary only.Author: John Gerlach Jr.

WBRes   A program that allows WorkBench users to have resident
                programs, as in the resident capability of WShell, the

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                        ARP shell, and the WB1.3 Shell.  Version 1.2b, shareware,
                        binary only. Author:  John Bickers

FISH 278             Un-Pack this Disk
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AmigaTrek       Three stories which are a parody of the Star Trek series,
                with an Amiga flavor. Author:  Mike Smithwick

ASpice          A version of the SPICE 2G.6 circuit analysis program
                which has been modified to run in the Amiga environment.
                The program arrays are adjusted to require one tenth the
                memory of the DEC VAX version.  Although this does not
                usually put much of a constraint on circuit analysis,
                some users who are used to the full mainframe environment
                may have to be more aware of the memory demands of their
                analysis.  Requires a minimum  of 1 MB memory.  This
                version neither supports nor requires the 68020 processor
                or 68881 coprocessor.  This is Amiga version 5.1, an update
                to version 2.3 on disk 177.  Binary only.
                Authors:  Many, see Documentation.  Amiga port by Dan Warns.

Frag            Two CLI utilities that show disk and file fragmentation on
                AmigaDOS floppies.  Includes source. Author:  David Gay

FISH 279             Un-Pack this Disk
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Ash             A ksh-like shell for the Amiga.  Some of its features
                include command substitution, shell functions with
                parameters, aliases, local variables, local functions,
                local aliases, powerful control structures and tests,
                emacs style line editing and history functions, I/O
                redirection, pipes, large variety of built-in commands,
                Unix style wildcards, Unix style filename conventions,
                filename completion, and coexistence with scripts from
                other shells.  Very well documented.  Version 1.0,
                binary only. Author:  Steve Koren

MouseClock      A clock and free memory display utility that generates
                a small display tied to your mouse, using two hardware
                sprites as the display area.  Version 1.2, includes
                source. Author:  Olaf Barthel

MRBackUp        A hard disk backup utility that does a file by file
                copy to standard AmigaDOS floppy disks.  Includes an
                intuition interface and file compression.  This is
                version 3.3e, an update to version 3.3d on disk 270,
                to fix a serious bug in that version.  Binary only.
                Author:  Mark Rinfret

MRPrint         A detabbing print utility that sends text files to
                either the printer device or the standard output.
                Besides expanding tabs, it will also generate page
                headers, line numbers, and new margins.  Version 3.4,
                includes source. Author:  Mark Rinfret
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FISH 280          Un-Pack this Disk
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Berserker   A virus detection program that can detect various forms
               of the common bootblock and link type viruses. Rather
               than checking for a specific virus, it looks for conditions
               that indicate a possible virus infection, thus it can
               detect new strains of similar viruses. Version 3.0+,
               includes source in assembly. Author: Ralf Thanner

CM   A celestial mechanics simulator with an Intuition
               interface. You construct a layout of celestial bodies
               and specify various parameters for the bodies and the
               simulation. CM then animates the bodies according to
               the laws of gravitational attraction. Setups may be
               saved to disk to later reinact interesting scenarios.
               Version 1.0, includes source. Author: W. John Guineau

Graph   A program that draws mathematical functions on a plane.
               Text and axes may be added, and the result saved to
               disk or printed. Uses a full Intuition interface with
               multiple windows (one per graph), requesters, etc.
               Version 1.0, includes source. Author: David Gay

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FISH 281          Un-Pack this Disk
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Diff   GNU diff and diff3 utilities, version 1.10. This
               version provides all the features of BSD's diff plus
               options to diff non-ASCII files, to ignore changes
               that just insert or delete blank lines, to specify
               the amount of context for context diffs, plus more.
               This version of GNU diff is part of the RCS package
               found on disk 282. Includes source.
               Author: Mike Haertel, David Hayes, Richard Stallman
               & Len Tower. Amiga port by Raymond Brand and
               Rick Schaeffer.

DiffDir   Compares the contents of two directories, generating
               a list of differences to the standard output. Detects
               files or directories present in one hierarchy but not
               the other, file attributes that are different (dates,
               flags, comments, etc), and differences in file size.
               Version 1.1, an update to version 1.0 on disk 188.
               Includes source. Author: Mark Rinfret

FarPrint   Debugging functions for programs which don't have any links
               to their environment. FarPrint consists of two major parts;
               a harbour process open to receive and distribute messages
               and requests, and a set of C functions to be linked into
               any program wishing to communicate with the FarPrint main
               process. Version 1.3, includes source.Author: Olaf Barthel

LoadImage   An IFF ILBM reader that accepts overscanned pictures,
               allows you to scroll around in the bitmap if the picture
               is larger than the current display, works on both PAL and
               NTSC machines, supports color cycling using interrupt code,

                        and supports printing of image portions. Version 1.9,
                        includes source. Author: Olaf Barthel

MRARPFile   Extended ARP file support package that adds an orthogonal
                set of routines which support generalized I/O with resource
                tracking while using the ARP library. Includes source.
                Author: Mark Rinfret

MRMan   A package which contains an Amiga document reading system
                similar to the "man" command on UNIX systems. It offers
                a high degree of flexibility in the naming and placement
                of document files on your system. This is version 1.0 and
                includes source. Author: Mark Rinfret

FISH 282   Un-Pack this Disk

PrintHandler   A custom PRT: driver which offers easy single sheet support
                as well as limited data spooling. Version 1.1, includes
                source. Author: Olaf Barthel

RCS   The Revision Control System (RCS) manages multiple
                revisions of text files. RCS automates the storing,
                retrieval, logging, identification, and merging of
                revisions. RCS is useful for text that is revised
                frequently, for example programs, documentation,
                graphics, papers, form letters, etc. This is RCS
                version 1.2, and includes source (the source to the
                GNU diff program used with this distribution of RCS
                can be found on disk 281).
                Author: Walter Tichy. Amiga port by Raymond Brand
                and Rick Schaeffer.

FISH 283   Un-Pack this Disk

Bref   A cross reference program for AmigaBASIC code. Generates
                a list of the BASIC code with lines sequentially numbered,
                plus a table showing all variables and labels used in the
                code, and the line numbers where they were used. Created
                from the CREF program on disk 166, which was written by
                Mike Edmonds and Joel Swank. Version 1.01, includes source.
                Author: Dick Taylor

CWDemo   Demo version of a pop-up utility to control the color
                register assignments of Intuition custom screens. This is
                version 3.2, an update to version 3.1 on disk 238. Binary
                only. Author: Kimbersoft

FullReset   A program to get rid of all viruses, vector modifying
                programs, and residents, by forcing a specific reset.
                Binary only. Author: Jurgen Klein

MarbleSlide   The aim of this game is to build a slide on a 10 x 11
                board of pieces that move around, allowing the marble
                to reach the goal piece. You play against time. Also
                includes a board editor so you can build custom boards.

                          Binary only. Author: Peter Handel

SensoPro   You try to remember and mimic the sound/color sequence
                  played by the computer. Each time you get it right,
                  another sound/color is added to the sequence. Great
                  practice in case you ever find yourself in a "Close
                  Encounters of the Third Kind" experience. Binary
                  only. Author: Peter Handel

WatchMan   A little screen hack inspired by "EyeCon" on Sun systems.
                  Includes source. Author: Jonas Petersson

FISH 284   Un-Pack this Disk

ARPTools   A group of small utility programs requiring ARP, that have
                  been created to address some deficiencies of the ARP CLI
                  environment, especially to exploit the potential offered
                  by non-named pipes in the ARP shell. Version 1.0, includes
                  source. Author: Fabio Rossetti

Back   Two programs to assist users of Matt Dillon's Backup/Restore
                  program in making error-free VERIFIED backups onto floppy
                  disks. Also useful as a trackdisk device example. Includes
                  source. Author: Stephen Vermeulen

Dme   Version 1.38 of Matt's text editor. Dme is a simple
                  WYSIWYG editor designed for programmers. It is not a
                  WYSIWYG word processor in the traditional sense. Features
                  include arbitrary key mapping, fast scrolling, title-line
                  statistics multiple windows, and ability to iconify windows.
                  Update to version 1.31 on disk number 169, includes source.
                  Author: Matt Dillon

FileTest   This routine is used to recursively descend the file system
                  tree from a specified directory location, reading the files
                  into memory (if they will fit) as it goes. Useful as a
                  complete test of file system integrity. Includes source.
                  Author: Stephen Vermeulen

IconTools   Here are some tools for icon tricks. Note that these tools
                  are really hacks because they exploit some areas of the
                  .info files that the current version of WorkBench does not
                  clear or reset upon loading the icon. There are three
                  programs here which allow WorkBench drawer windows to appear
                  in non-standard colors and allow you to move the position
                  of the file name text to anywhere in the icon's graphic.
                  Released to the public in the hope that 1.4 will allow more
                  flexible user customization of the WorkBench appearance.
                  Includes source. Author: Stephen Vermeulen

RecurDir   A recursive directory program that is useful as an aid in
                  ZOOing files in nested directories. Allows one to easily
                  ZOO the complete contents of a disk. Includes source.
                  Author: Stephen Vermeulen

FISH 285   Un-Pack this Disk

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AvailMem   A small free memory counter that continuously displays the
                amount of free chip and fast memory in bytes (as opposed
                to K). Version 1.03. Includes source.
                Author: Dave Schreiber

DynaShow   A program and example image using a dynamic HiRes technique
                to display up to 4096 colors in high res with overscan.
                Dynamic HiRes uses a different 16 color palette on each
                scan line. Version 1.1, binary only. Author: NewTek

'Liner   Liner is a freely distributable outliner. It can be used
                to create outlines of any length, in a number of different
                formats, and can save the outlines as straight text for
                export to other programs. Version 1.32. Includes source.
                Author: Dave Schreiber

MSizer   A program that allows you to resize a window from any corner
                when holding down the left mouse button and the left Amiga
                key. Includes source. Author: Khaled Mardam-Bey

Plasma   A plasma cloud generator program that uses the extra
                halfbrite mode. Plasma clouds are a special form of
                fractal which show very smooth color gradations.
                Version 1.f, includes source. Author: Roger Uzun

Rubik   Translation to C of a Rubiks Cube solver program originally
                written in Basic by John Murphy. Includes versions to do
                an "unwrapped" 2D solution, and a more visual 3D solution.
                Version 0.0, includes source. Author: Roger Uzun

FISH 286   Un-Pack this Disk

CCutils   Eight small CLI utilities that use the cclib.library
                shared library. Includes a program to display disk
                usage on your menu bar, a program to check the integrity
                of IFF files, a program to remove shared libraries from
                memory if they are not being used, and more. Binary
                only. Author: Robert Albrecht

EW   Patch for Intuition OpenWindow() and CloseWindow(), creating
                a Mac-style frame whenever a window is opened or closed.
                Very short, includes source in assembler.
                Author: Oliver Wagner

FastDisk   A disk optimizer providing two ways of optimizing.
                Originally written by Thorsten Stolpmann. This is version
                II, now featuring an Intuition interface, ARP support,
                bug hunting, and Lattice C compatibility, done by Oliver
                Wagner. Includes source in C.
                Author: Thorsten Stolpmann and Oliver Wagner

S220to8SVX   Converts sound samples from a Roland S-220/S-10/MKS-100
                to 8SVX IFF 8-bit samples. Version 1.0, binary only.
                Author: Dieter Bruns

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Txt2Exe        This program takes a text file, creating a runnable command
               which will output the text.  Allows various operations to be
               done on the text.  Binary only. Author:  Oliver Wagner

Uedit          Version 2.5d of this nice shareware editor.  Has learn
               mode, a command language, menu customization, hyper text,
               and other user configurability and customizability
               features.  Binary only, shareware, update to version 2.5b
               on disk 254. Author:  Rick Stiles

FISH 287            Un-Pack this Disk
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DAsm           A multipass, symbolic, macro assembler for multiple target
               mechines, including 6502, 68705, 6803, and 6811.  Supports
               conditional assembly, addressing mode overrides, arbitrary
               number of named segments, pseudo-ops for repeat loops, data
               generation, etc.  Version 2.12, includes source.
               Author:  Matt Dillon

FullView       A text viewer that uses gadgets at the bottom of the screen
               (thus can display text 80 columns wide), opens up to the
               full height of the Workbench screen, has fast scrolling,
               and can work with compressed files (file compression
               program included).  Shareware, binary only, source available
               from author.  This is version 1.1, an update to the version
               on disk 242. Author:  Jonathan Potter

JPDirUtil      A directory-utilities type program with many built-in
               commands, and 16 customisable gadgets.  User configurable in
               many ways.  Can be iconified to Workbench screen.  This is
               version 1.11, binary only. Author:  Jonathan Potter

MouseCoords    A small assembly utility which shows you the current
               position of the mouse pointer.  Can be "jumped" to operate
               on any screen.  Includes source in assembly.
               Author:  Jonathan Potter

OSK            A software keyboard, which allows you to type using the
               mouse.  Can be made to send keystrokes to any window, and
               can be iconified.  Includes source. Author:Jonathan Potter

PopDir         A small utility which "pops open" to help you look at the
               contents of a particular directory on demand.  Version 1.6,
               an update to version 1.4 on disk 204.  Includes source.
               Author:  Jonathan Potter

Unshar         This program extracts files from Unix shar archives.  It
               scores over similar programs by being small and fast,
               handling extraction of subdirectories, and recognising a
               wide variety of `sed' and `cat' shar formats.  Version 1.1,
               includes C source. Author:  Eddy Carroll

VirusX         Version 4.0 of a popular virus detection/vaccination
               program.  This is an update to version 3.20 from disk 216.
               Includes a check for the new Xeno virus.
```

```
                    Author:  Steve Tibbett, Dan James, Jim Meyer

ZeroVirus       A fully integrated virus checker and killer, with bootblock
                save and restore features.  Finds both bootblock and file
                based viruses.  Uses Brainfiles to recognise viruses, and has
                "on-line" Brainfile editing facilities.  Can be iconified to
                Workbench screen.  This is version 2.01, an update to version
                1.3 on disk 242.  Binary only. Author:  Jonathan Potter

FISH 288        Un-Pack this Disk
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DiskSpeed       A disk speed testing program specifically designed to give
                the most accurate results of the true disk performance of
                the disk under test.  Automatically updates and maintains
                an ASCII database of disk results for tested disks.  This
                is version 2.0, an update to version 1.0 on disk 251, with
                a few new features and a cleaner user interface.  Includes
                source in C.Author:  Michael Sinz

PlotData2D      Plots data onto a custom user defined screen and window,
                reading the plot and screen/window definitions, along with
                the X and Y data pairs, from a disk file.  Supports linear,
                log-log, and semi-log axis plots.  The data can be plotted
                with lines, symbols, or both.  Includes numerous example
                plots.  Version 1.0, includes source in Fortran.
                Author:  Robert C. Singleterry Jr.

Scripit         A script language that allows you to automate actions you
                would normally have to do manually.  Scripit can do anything
                that you do manually, by either the mouse or keyboard, by
                using a set of commands that instruct Scripit to simulate
                specific mouse or keyboard actions.  Also has an ARexx port,
                so it can be driven by ARexx allowing ARexx control over
                programs that do not have ARexx ports.  Includes both a
                recorder to generate scripts and a player to execute them.
                This is version 1.20, binary only.Author:  Khalid Aldoseri

FISH 289        Un-Pack this Disk
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AmiGo           A Go board and player for the Amiga.  You can play against
                another human, against the Amiga, or have the Amiga play
                itself.  Version 1.0, includes source.
                Author:  Todd Johnson, Stoney Ballard

Atree           A disk utility which imitates similar utilities widely
                available on IBM compatibles (PC Tools, Xtree, QuickDos,
                etc).  The intent is to allow the user a graphic
                representation of the entire directory structure on a
                disk device, including the files in each directory, and
                the capability of moving quickly through the tree to a
                directory to access its files.  Version 1.7, binary only.
                Author:  Don Schmidt

LHArc           An archive program like Arc and Zoo, with a heavy emphasis
                maximum compression for minimum archive size, using LZHUF
```

compression. This is Amiga version 1.0 (compatible with MSDOS version 1.13). Binary only. Author: Paolo Zibetti

Orbit   Plots the ground trace of satellites on a map of the earth, using the orbital elements for some 130 satellites, from a list which is updated every two weeks on Compuserve. Version 1.2, binary only. Author: Timothy Middendorf

TreeWalk   A command for visiting all the files of a subtree of an Amiga file system, testing every file in the specified subtree against a supplied "filter" expression, and if the file passes through the filter, to issue the specified command with that file as one of the arguments. It is designed to be reasonably fast, robust, and not use a lot of stack space or any other critical resources. Includes source. Author: Mike Meyer

FISH 290   Un-Pack this Disk

DPlot   A simple display program for experimental data, with the goals of supporting paging through lots of data and providing comfortable scaling and presentation. This is version 2.0, an update to version 1.0 on disk 237, and incorporates several significant enhancements. Binary only. Author: A. A. Walma

IPC   An IPC (Inter-Process Communication) package, with the goal of creating a standard for IPC on the Amiga that is flexible enough to handle the widest possible range of applications. The protocol used addresses different problem areas than ARexx, and emphasizes different aspects of the communication process, such as fast communication and preservation of data structure. Includes source. Author: Pete Goodeve and Peter da Silva

KillReq   A small program which disables Intuition's AutoRequest function. In particular, this prevents AmigaDOS from putting up system requesters, which is useful if you are operating your Amiga remotely and can't use the mouse to click CANCEL. Unlike similar utilities which affect only a single CLI, KillReq disables ALL requesters. This is version 1.0 and includes C source. Author: Eddy Carroll

Xicon   Xicon lets you use icons to call up scripts containing CLI commands. This is version 2.5, an update to version 2.01 on disk 157. New features include automatic selection of the correct execution directory, the option to have keyboard interaction, and the use of IF, ELSE, etc DOS commands. Binary only. Author: Pete Goodeve

FISH 291   Un-Pack this Disk

GMC   A console handler with command line editing and function key support. GMC provides extended command line editing, function key assignment in four levels, extended command

                    line history, online help for functions in the handler,
                    and an iconify function. Version 4.0, binary only.
                    Author: Gotz Muller

Keyboard   Functions to translate RAWKEY Intuition messages into
                    usable keycodes. Includes source.Author: Fabbian Dufoe

Sim   A simulator for register-transfer nets, which are used to
                    describe hardware systems. This version also provides
                    a compiler to define new devices in addition to Sim's
                    internal devices. This is version 4.2, an update to
                    version 4.0 on disk 229.Binary only.Author:Gotz Muller

SKsh   A ksh-like shell for the Amiga.Some of its features
                    include command substitution, shell functions with
                    parameters, aliases, local variables, local functions,
                    local aliases, powerful control structures and tests,
                    emacs style line editing and history functions, I/O
                    redirection, pipes, large variety of built-in commands,
                    Unix style wildcards, Unix style filename conventions,
                    filename completion, and coexistence with scripts from
                    other shells. Very well documented. Version 1.2, an
                    update to version 1.0 on disk 279, where it was called
                    ash. Binary only. Author: Steve Koren

FISH 292   Un-Pack this Disk

Devstat   Assembly code example of locating and listing information
                    about all mounted devices. Includes source.
                    Author: Fabrice Lienhardt

FileRequest   Assembly code example of a file requester. This is
                    version 2.0, an update to version 1.0 on disk 173, where
                    it was called FileSelect. New features include 3 speed
                    scrolling of filenames and ghosting of unavailable
                    devices. Includes source.Author: Fabrice Lienhardt

MultiPlot   A package for making 2D plots conveniently. Tim Mooney
                    wrote the original program, which was then enhanced by
                    Alan Baxter with a nicer user interface, support for
                    the PLT: device, and support for file conversions. Rich
                    Champeaux and Jim Miller wrote the PLT: handler which
                    emulates a plotter by accepting HP-GL commands, creating
                    a raster image, then dumping it to any preferences supported
                    graphics printer. This is version XLN and includes source
                    to MultiPlot. Update to version 1.2 on disk 231, where it
                    was called just "Plot". This version is 2D only.
                    Author: Alan Baxter, Tim Mooney, Rich Campeaux, Jim Miller

FISH 293   Un-Pack this Disk

ClockDJ   A utility which combines a clock, mouse accelerator,
                    screen blanker, window manipulator, function keys, and
                    macros into a single program, written in assembly
                    language for maximum efficiency. Includes an ARexx

port. Version 4.07, binary only.Author: David Jenkins

CrcLists   Complete CRC check files for disks 001-292 using the brik
                  program. These were made directly from my master disks.
                  I have switched to brik, from the crc program used to make
                  the lists on disks 133, 146, and 173, because it has more
                  features and because source is available. This is an
                  update to the lists on disk 233. Author: Fred Fish

FISH 294   Un-Pack this Disk

DNet   A link protocol that provides essentially an unlimited
                  number of reliable connections between processes on
                  two machines, where each end of the link can be
                  either an Amiga or a Unix (BSD4.3) machine. Works
                  on the Amiga with any EXEC device that looks like the
                  serial.device. Works on UNIX with tty and socket
                  devices. Achieves better than 95% average throughput
                  on file transfers. This is version 2.10.13, an update
                  to version 2.0 released on disk 220. Includes sources
                  for both the Amiga and Unix versions. Author: Matt Dillon

FmsDisk   A file based trackdisk simulator, useful for creating
                  a floppy-like partition on your hard disk (so you can
                  diskcopy to a floppy) without actually having to create
                  a special partition for it. Also useful for testing
                  new filesystems and such. Supports up to 32 units,
                  with either the old filesystem or the new fast filesystem.
                  Includes source. Author: Matt Dillon

FISH 295   Un-Pack this Disk

GnuGrep   The grep program from the GNU project. Replaces grep
                  fgrep, egrep, and bmgrep. Currently does not expand
                  Amiga style wildcards, so if you wish to scan multiple
                  files you will need to use it with a shell that does this
                  for you. This is version 1.5, an update to version 1.3
                  on disk 204. Includes source.Author: Many (see README file)

Lhwarp   A program which will read tracks directly from your floppy
                  disk, compress them using adaptive huffman encoding, and
                  output them to a file. The resulting file can be used by
                  lhwarp to reconstruct an image of the original disk. This
                  is version 1.03 and includes source.Author: Jonathan Forbes

MandelMountains

                  A program that renders three-dimensional images of
                  blowups of the Mandelbrot set. Includes several example
                  images. Version 1.1, shareware, binary only.
                  Author: Mathias Ortmann

FISH 296   Un-Pack this Disk

Comal   Demo of AmigaCOMAL (missing only SAVE), an incremental
               p-code compiler from Denmark. COMAL is a language with
               the design goal of combining the modern structured
               approach of Pascal with the ease of use and interactivity
               of BASIC. There are versions of COMAL for IBM, VAX, CP/M,
               C-64, Amiga and various European operating systems.
               Includes a complete turtle graphics package. Is perfect
               for education yet powerful enough for applications
               programming. Version 2.0, binary only.
               Author: Svend Daugaard Pedersen Freddy
               Dan Dalgas Kristiansen

Patch   A port of the very useful UNIX utility which applies context
               diffs to text files to automatically update them. This is a
               port of version 2.0.1.6 (patch level 12), which Eric has
               dubbed Amiga version 1.0. It is an update to an earlier
               version on disk 129. Includes source.
               Author: Larry Wall, Amiga port by Eric Green

FISH 297   Un-Pack this Disk

Clean   A small program written in assembly code, to be used
               in conjunction with a cleaning disk, to clean your
               floppy drive heads. Version 1.0, includes source.
               Author: Dan Burris

DevKit   A collection of C and ARexx language programs to
               facilitate the software development process. With
               DevKit, you can launch your compiler from within your
               editor, have the cursor positioned on your errors, look
               up the autodoc page for any Amiga function at a single
               keystroke, find a system structure within the include
               files, or find any function in the code you are writing.
               Version 1.2, includes source. Author: Peter Cherna

Elements   Very nice interactive display of the the Periodic Table
               of Elements. Can display a large amount of pertinent
               data about a selected element along with a good deal of
               general and miscellaneous info. This is version 1.3,
               an update to version 1.2a on disk 253. It adds a non-
               interlace mode and extend selection of two elements.
               Binary only, shareware. Author: Paul Thomas Miller

Hypno   A "bouncing polygons" type program like Mackie, LineArt,
               and Bezier. Includes source in C.
               Author: Markus Schmidt

Jed   A nicely done, intuition-based editor that is quite
               user-friendly. Features word-wrap, auto-indent, newcli,
               alt buffer, split-window, keyboard macro, help, printing,
               and more. This is version 1.1, an update to version 1.0
               on disk 180. Shareware, binary only. Author: Dan Burris

SuperMenu   An information display system you can use to quickly and
               easily display text files (and sections of text files) with
               the press of a button. Version 1.62, shareware, binary only.

```
                    Author:  Paul Thomas Miller

WriteIcon       Sample code that creates an icon using a compiled-in image,
                the source of which can be created with Icon2C on disk 56.
                Version 1.0, includes source in C. Author:  Dan Burris


FISH 298            Un-Pack this Disk
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BBChampion      This is BootBlockChampionIII, a very nicely done program
                that allows you to load, save, and analyze any bootblock.
                This is version 3.21, an update to version 3.1 on disk
                244.  New features include checks for five different LAMER
                viruses and some other enhancements.  Binary only.
                Author:  Roger Fischlin


DClock          A "Dumb Clock" utility that displays the date and time in
                the Workbench screen title bar.  Uses only about 2 percent
                of the CPU time and about 10Kb of memory.  Also has an
                alarm clock feature and audible beep for programs that
                call DisplayBeep.  Version 1.5, includes source.
                Author:  Olaf Barthel


Fenster         A program which can operate on windows owned by another
                program, to close them, change their size, refresh gadgets,
                move the window to the background, etc.  This is version
                2.0, an update to version 1.0 on disk 245.  Includes source.
                Author:  Roger Fischlin


FileMaster      A file editor like NewZap or FedUp, which allows you to
                manipulate bytes of a file.  You may also change the file
                size or execute a patch.  Version 1.11, includes source.
                Author:  Roger Fischlin


FISH 299            Un-Pack this Disk
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Hangman         A simple hangman program similar to one seen on some
                UNIX machines.  Currently runs only from CLI.  Includes
                source in C. Author:  Gary Brant


Rxil            An ARexx interface library that makes it easy for programs
                to implement a complete, robust ARexx interface with
                minimal effort.  Version 1.0, includes source.
                Author:  Don Meyer


SceneGenDemo    Demo of a program called Scene Generator, that generates
                very realistic looking landscapes.  This program is an
                enhanced, low cost commercial version, of the Scenery
                program included on disk 155.  This is version 2.03,
                binary only. Author:  Brett Casebolt


Yacc            This is a port of Berkeley Yacc for the Amiga.  This
                Yacc has been made as compatible as possible with the
                AT&T Yacc, and is completely public domain.  Note that
                it is NOT the so-called Decus Yacc, which is/was simply
                a repackaging of the proprietary AT&T Yacc.  Amiga
```

```
                    version 1.0a, includes source.
                    Author:  Bob Corbett, Amiga port by Eric Green

FISH 300            Un-Pack this Disk
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SuperEcho      A neat program to be used with Perfect Sound-like audio
               digitizers that generates LIVE audio effects, including
               Echos, Deep Voice, Squeaky Voice, Many People, M-M-Max
               Headroom and much more.  Binary only.
               Author:  Kevin Kelm

TACL           An adventure player for games written with The Adventure
               Construction Language, a commercial computer language.
               Includes two sample games; one is text-only and the other
               is text-graphic.  Binary only, plus the TACL source code
               that was used to write the graphic adventure.
               Author:  Kevin Kelm and Rhett Rodewald

TitleGen       A simple script language program for generating vertically
               crawling title sequences in any font and up to 500 lines
               long.  Good for video production.  Version 1.6, binary only.
               Author:  Kevin Kelm

XenoZap        A program that recursively descends into directories,
               disabling the Xeno virus in all executable files that it
               finds.  Version 1.0, includes source in Modula-2.
               Author:  Kevin Kelm
```