

Libraries

COLLABORATORS

	<i>TITLE :</i> Libraries		
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Chapter 1

Libraries

1.1 LibraryGuide v1.0

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1.2 introduction

Introduction

After buying my Amiga, I soon got REALLY tied of all those requesters saying "Program need XXX.library", "Couldn't find XXX.library" etc, etc.

So I started filling my LIBS: with all the libraries I could get my hands on, frequently updating to the latest versions. That way I didn't have to worry whether a program needed this or that library, they where allways available.

BUT, soon my LIBS: had reached the size of more than 3MB, containing more than 100 libraries! Arrrgh, what libraries did what ? Which programs need, which libraries ? Which library can I use to what ? What version exists ? Etc, etc, etc...

I tried to give each library a little explaining comment using the Shell FileNote command, BUT :-)

Then one day, there was a cold wind comming from the west, a storm was building up outside, etc etc, etc. I love using etc's :-)

I got my hands on a list of libraries compiled by Gregory M. Stelmack. Great, I used it, added to it, updated it, etc, etc, etc.

Soon it got somewhat messy, but I could allway find out what a library was doing, where I got it, versions, etc, etc, etc.

Then Commodore did something nice. They gave us *** AmigaGuide *** !!!

I started to make my library-list into AmigaGuide-format, and while doing this, a thought came to me: Maybe there are other out there, who could use this LibraryGuide ?

So, here you have it !!!

D. Elgaard

1.3 explanation

Explanation

LIBS is a drawer that's found on Workbench, and many other disks besides. It's used to store libraries.

A library, as far as Amigas are concerned, is a set of little programming routines organised into one complete block.

Lot of them are built into the machine, but even more are to be found in the LIBS-drawer.

A programmer will often make use of a library, in order to avoid some code writing.

Most cannot be bothered to write their own file requester. So they use a library like the ReqTools.library . If the library isn't included in the LIBS: the program won't run!

Libraries are programs, copyrighted just like others.

If you are a programmer, allways get permission before you use someone else's library, unless it's a freeware library that can be used by one and all.

And if you program your own library, DON'T give it a name that some library allready have!!!

1.4 tutor

Tutor

This Guide is really simple to use.

If you have a library and want to see if you have the latest version, just find the library in the library-list and check the version, which is written just to the right of the library.

If you want to find out more about a library, just click on it's name, and you will be given informations about what it does/can/is used for, where to get it, who wrote it, etc, etc, etc. That is, if I have been able to find out, obvious.

I have tried to make as many cross-references as possible, so it should be real easy to find your way around the Guide.

1.5 future

Future

I will continue to update this Guide, simply because it is in my own interest to keep track of my libraries, but I will not release it just because there have been a minor change to one or two of the libraries.

Every now and then when the Guide has gone through some updates, I will release it.

If you have some contribution to this Guide, I would like to hear from you. That could be newer versions, new libraries, error corrections, informations yet unknown, etc, etc, etc.

I am currently working on a DeviceGuide and a HandlerGuide too, so if you have anything of interest here, I like to hear from you too.

My address: D. Elgaard
Brofennen 4 \$^2\$ th.
6270 Tønder
Denmark

1.6 68040

68040.library

Well, I only have a 68030 :-)

Anyone out there who can help me ?

1.7 amigaguide

AmigaGuide.library v38.4

This is the support library for the AmigaGuide viewing system wich
you are using right now!

This library is part of the System software version 2.1+.

If you want the Amigaguide.library and the full AmigaGuide-system,
it is supplied by Commodore via the Fred Fish PD-serie on Disk N\textdegree{} ←
870.

But why bother, if you are reading this, you already have the
library, just check the version number :-)

Autor : Commodore Amiga.

1.8 arp

ARP.library v39.1

AmigaDOS Replacement Project.

Pattern matching for strings and for directories, sending packets
to DOS.

ARP is an effort started on BIX and led by Charlie Heath of
Microsmiths Inc., to replace the AmigaDOS in a compatible fashion,
so that current programs will continue to work.

ARP also makes whatever improvements are possible, so that current
and future programs will work better.

Included in the ARP, is also a replacement of all the BCPL AmigaDOS
programs with assembly equivalents.

Fred Fish PD-serie. Disk N\textdegree{} 123.

Autor: Various authors contributed work,
Including Charlie Heath, Scott Ballantyne,
and others...

1.9 asdg-gpib

ASDG-GPIB.library v21.3

????

1.10 asdg-low-mem

```
ASDG-Low-mem.library    v0.0
```

????

1.11 asl

```
ASL.library    v37.27
```

File and font requesters.

This library is part of the System software version 2.xx+

Autor : Commodore Amiga.

1.12 aspig

```
ASPIG.library    v1.1
```

????

1.13 axtools

```
Axtools.library    v2.7
```

????

1.14 bas_runtime

```
Bas_Runtime.library    v2.8
```

????

1.15 bootblock

```
Bootblock.library    v3.1
```

Library to support Virus-hunters released from SHI, with a BrainFile of Bootblocks, that way making virus hunter programs smaller.

Fred Fish PD-Serie.

Autor : Johan Eliasson

1.16 bullet

Bullet.library v38.5

Bullet/Outline font routines.

1.17 cando

CanDo.library

Support library for the CanDo MultiMedia Package.

Comes with CanDo.

1.18 cclib

CClib.library v3.0

An implementation of the standard C runtime library, with a few extra goodies thrown in.

Supports a large number of functions including stream Input/Output, low-level Input/Output, string, memory, linked list, sorting, time, process control and more...

Fred Fish PD-serie. Disk N\textdegree{} 399.
Source and several utility programs included.

Autor : Robert W. Albrecht

1.19 commodities

Commodities.library v37.27

Used by the Commodities "Exchange" program.

This library is part of the System software version 2.xx+.

Autor : Commodore Amiga.

1.20 color

Color.library v1.0

ColorTool library.

1.21 con

Con.library v2.0

A run time reentrant library, developed with the purpose of making life easier for application programmers.

It contains functions to format and display text, accept keys/messages, strings or numbers and to handle cursor and screen control, among other things.

Fred Fish PD-serie. Disk N\textdegree{} 587.
Includes sources.

Autor : Bjørn Reese

1.22 conhandler

Conhandler.library v36.17

Console handler.

1.23 datatypes.library

Datatypes.library

This is the support for the Datatypes-system under AmigaDOS v3.0.
I'm only running AmigaDOS v2.0, so thats all I can tell you.

1.24 dctv

DCTV.library v1.31

????

1.25 decrunch

```
Decrunch.library    v35.185
-----
```

Decrunch routines.

1.26 dialog

```
Dialog.library     v1.0
-----
```

????

1.27 digisoftsupport

```
Digisoftsupport.library
-----
```

Support library for Digisoft products, such as Macro68.

1.28 din

```
Din.library        v36.3
-----
```

A library that allows you to share image and text objects between programs.

The Din.library is ideal if you want to write an editor and a DTP program that can share text, or a drawing program and a DTP program that can share a brush.

Requires AmigaDOS 2.xx.

Fred Fish PD-Serie. Disk N\textdegree{} 414.

Some source included.

Autor : Jorrit Tyberghein

1.29 dis

```
Dis.library        v1.21
-----
```

An AmigaDOS shareable library which implements a symbolic single-instruction disassembler for the MC68000 family.

Fred Fish PD-serie. Disk N\textdegree{} 240.

Includes source in Draco.

Autor : Chris Gray

1.30 disassemble

Disassemble.library

68000 disassembler routines.

AmigaLibDisk.

1.31 dised

Dised.library v0.0

Editor functions.

Autor : Dissidents Software.

1.32 diskcode

Diskcode.library v1.1

????

1.33 diskfont

Diskfont.library v37.58

Handles font files.

Earlier versions do not support CG fonts.

Part of the System software.

Autor : Commodore Amiga.

1.34 dopus

DOpus.library v17.2

DirectoryOpus main library.

Comes with DirectoryOpus

Autor : Jonathan Potter

1.35 dorex

DOrex.library v1.5

DirectoryOpus ARexx support library.

Comes with DirectoryOpus.

Autor : Jonathan Potter.

1.36 dos

DOS.library v37.44

Routines for managing data streams.

Part of the System software.

Autor : Commodore Amiga.

1.37 dres

DRes.library v1.4

????

1.38 duplexfont

Duplexfont.library v1.0

Scaleable font for VLT.

Fred Fish PD-serie. Disk N\textdegree{} 455.

1.39 dynamic

```
Dynamic.library    v36.1  
-----
```

????

1.40 empire

```
Empire.library    v1.0  
-----
```

Shared portion of the game Empire.

1.41 epu0

```
EPU0.library      v1.1  
-----
```

????

1.42 epu1

```
EPU1.library      v1.1  
-----
```

????

1.43 exec

```
Exec.library      v37.132  
-----
```

Routines to manage the System resources.

Part of the System software.

Autor : Commodore Amiga.

1.44 expansion

```
Expansion.library    v37.44
```

Routines for handling expansion slots.

Part of the System software.

Autor : Commodore Amiga.

1.45 explode

```
Explode.library     v6.0
```

Decrunch routines for the Imploder.

Fred Fish PD-Serie.

Autors: Peter Struijk and Albert J. Brouwer.

1.46 fifo

```
Fifo.library        v37.3
```

Part of UUCP.

Fred Fish PD-Serie. Disk N\textdegree{} 480.

Autor : Matt Dillon.

1.47 flam

```
Flam.library        v1.0
```

????

1.48 flow

```
Flow.library
```

????

Mail rwm@atronx.ocunix.on.ca for more info on Flow.library.

1.49 fpu

FPU.library

Support library for FPU's.

1.50 future.library

Future.library

Used by Futuresound audio digitizer.

1.51 fye

Fye.library v37.313

????

1.52 gadtools

Gadtools.library v37.110

Simplified gadget and menu routines.

Part of the system software version 2.xx+.

Autor : Commodore Amiga.

1.53 golddisk

GoldDisk.library v1.0

????

1.54 graphics

Graphics.library v37.35

Graphic routines.

Part of the System software.

Autor : Commodore Amiga.

1.55 gwin

GWin.library v2.0

GWIN or Graphics WINdow is an integrated collection of graphics routines callable from C.

These routines make it easy to create sophisticated graphics programs in the C environment.

One-line calls give you a custom screen (ten types available), menu items, requesters, text, circles, polygons, etc, etc.

GWIN is a 2D floating point graphics system with conversion between world and screen coordinates.

GWIN includes built-in clipping that may be turned off for speed.

Use of color and XOR operations are greatly simplified.

Fred Fish PD-serie. Disk N\textdegree{} 571.

Many examples of the use of Gwin.library are included.

Extensive documentation are included too.

Autor : Howard C. Anderson

1.56 hdmem

HDMem.library v2.0

????

1.57 hisoftbasic

HisoftBASIC.library

Library for Hisoft BASIC.

1.58 ias

IAS.library

Fixed-point arithmetic routines.

Available for anonymous FTP from amiga.physik.unizh.ch.

1.59 icon

Icon.library v37.11

Routines for manipulating Icons.

Part of the System software.

Autor : Commodore Amiga.

1.60 iff

IFF.library v22.3

An easy to use Amiga library which gives you some powerfull routines for dealing with IFF files, especially ILBM files (Pictures), ANIM files (Animations), and 8SVX files (Digitized sounds).

It is written completely in Assembler and is just 3Kb.

Fred Fish PD-serie. Disk N\textdegree{} 674.

Includes source and binaries for several example programs that use the library.

The version on that Fred Fisk disk is version 22.2, but the one I have in my LIBS: says version 22.3, but I can't remember where I got it. I got it long before I started this "LibraryGuide"-project.

Autor : Christian A. Weber

1.61 iffparsed

IFFParse.library v37.1

Modules to parse IFF files.

Part of the System software 2.xx+.

Autor : Commodore Amiga.

1.62 iffpp

IFFPP.library v100.3

????

1.63 ilbm

ILBM.library v0.5

A shared library to Read/Write IFF files, derived from the EA-IFF code, along with various enhancements.

Can be used for non-ILBM files also.

100% compatible with original Electronic Arts code.

Fred Fish PD-serie. Disk N\textdegree{} 463.

Autor : Jeff Glatt, Dissidents Software

1.64 inet

INet.library

Part of Commodore's AS-225 package for the A2065 EtherNet board.

Autor : Commodore Amiga.

1.65 info

Info.library v3.0

Used by Info/Information menu from Workbench.

Part of the System software.

Autor : Commodore Amiga.

1.66 inovatools

Inovatools1.library v3.1

Came with PowerWindows2.5.

1.67 instype

```
Instype.library    v0.1
-----

????
```

1.68 intuisup

```
Intuisup.library   v4.5
-----
```

A shared library with support routines for using texts, borders, gadgets, requesters and more, under AmigaDOS v1.3.

Fred Fish PD-serie. Disk N\textdegree{} 722.
Includes a template editor, source, test programs and documentation in AmigaGuide-format.

Autor : Torsten Jurgeleit

There are also a library called ISup.library and I'm not sure, if it is the same Library that, for some strange reason, has been renamed by someone, even though they don't have the same version number.

1.69 intuisupport

```
IntuiSupport.library v1.1
-----
```

All I have heard of this library is that it follow's a program on disk N\textdegree{} 862 in the Fred Fish PD-Serie.

1.70 intuition

```
Intuition.library   v37.318
-----
```

Routines for managing windows, screens, and Input/Output to them.

Part of the System software.

Autor : Commodore Amiga.

1.71 isup

ISup.library v1.15

????

There are also a library called Intuisup.library and I'm not sure, if it is the same Library that, for some strange reason, has been renamed by someone, even though they don't have the same version number.

1.72 ixemul

Ixemul.library v39.44

This is a BSD compatibility library for UNIX designed to be used with GCC/G++, but could possibly be used by other compilers with some work.

Very nice, particularly the signal handling.

Available for anonymous FTP on [ab20.larc.nasa.gov](ftp://ab20.larc.nasa.gov).

Autor : Markus Wild (Who also has done the GCC/G++ ports)

1.73 janus

Janus.library

????

1.74 joystick

Joystick.library v1.0

????

1.75 kd_freq

KD_FReq.library v3.1

Extensive file requester.

Comes with a patch to use it whenever a program calls the ARP.library .

Nice requester, rather large, never caught on.

1.76 keymap

Keymap.library v37.2

Routines for dealing with keymaps.

Part of the System software.

Autor : Commodore Amiga.

1.77 kwreq

KWreq.library

????

1.78 kwspell

KWspell.library

????

1.79 layers

Layers.library v37.7

Routines to handle graphic "layers" for doing window depth and clipping.

Part of the System software.

Autor : Commodore Amiga.

1.80 lh

Lh.library v1.8

A shared reentrant Amiga runtime library featuring highly optimized assembly language versions of the LhArc data compression/decompression routines.

Compress faster and more efficiently than any other currently available implementation of the LzHuf-algorithm.

Fred Fish PD-serie. Disk N\textdegree{} 436.

Autors: Holger P. Krekel and Olaf Barthel

1.81 locale

Locale.library v38.18

Routines for controlling locale-prefs.

Part of the System software version 2.1+.

Autor : Commodore Amiga.

1.82 macro68

Macro68.library

Macro68 main library.

1.83 macro68cp

Macro68cp.library

Macro68 floating point processor support library.

1.84 macro68hf

Macro68hf.library

Macro68 special function support library.

1.85 macro68mp

Macro68mp.library

Macro68 automatic optimization support library.

1.86 macro68op

Macro68op.library

Macro68 file output support library for uncommon output modes.

1.87 macro68ow

Macro68ow.library

Macro68 interactive optimization support library.

1.88 "

1.89 mathffp

MathFFP.library v37.1

FFP format math routines.

Part of the System software.

Autor : Commodore Amiga.

1.90 mathieeedoubbas

MathIEEEdoubbas.library v37.1

Double precision IEEE basic math.

Part of the System software.

Autor : Commodore Amiga.

1.91 mathieeedoubtrans

MathIEEEdoubtrans.library v37.1

Double precision IEEE transcendental math.

Part of the System software.

Autor : Commodore Amiga.

1.92 mathieeesingbas

MathIEEEsingbas.library v37.3

Single precision IEEE basic math.

Part of the System software.

Autor : Commodore Amiga.

1.93 mathieeesingtrans

MathIEEEsingtrans.library v37.1

Single precision IEEE transcendental math.

Part of the System software.

Autor : Commodore Amiga.

1.94 mathtrans

Mathtrans.library v37.1

FFP transcendental math.

Part of the System software.

Autor : Commodore Amiga.

There is some faster versions floating around. Some which are written specifically for MC68020 and higher processors.

All these faster versions of the library can be found in the Fred Fish PD-Serie, on Disk N\textdegree{} 884.

Autor : Martin Combs.

1.95 medplayer

Medplayer.library v2.1

Library for playing MED modules.

Comes with MED.

1.96 midi

MIDI.library v7.94

A library that permits sharing of the serial port by MIDI applications through a MIDI message routing and processing system.

Autor : Bill Barton

1.97 mmv8

MMV8.library v11.93

????

1.98 mtool

MTool.library v35.1

Some math functions and a bit of Intuition.library support.
Comes in normal and FPU versions.

Fred Fish PD-Serie. Disk N\textdegree{} 573.

Autor : Ruediger Dreier

1.99 multireq

MultiReq.library v1.20

Requesters.

1.100 multiuser

MultiUser.library v39.133

????

1.101 mxm

MXM.library v34.14

An example Amiga shared library complied with Aztec'C'v5.0.
This library contains basic support functions employed by programs
as KeyMacro or PrintHandler.
MXM.library is the standard MXM system support library.
Does not run under AmigaDOS 2.xx!

Fred Fish PD-serie. Disk N\textdegree{} 354.
Source included.

Autor : Olaf Barthel.

1.102 nofrag

Nofrag.library v2.2

A library containing 6 routines for defragmenting memory.
Extracted and updated from the Tool.library .

Fred Fish PD-serie. Disk N\textdegree{} 503.

Autor : Jan van den Baard

1.103 octaplayer

OctaPlayer.library v2.0

Routines for playing OctaMED modules.

1.104 odin

Odin.library

Process Intercommunication (USENET)

1.105 online

OnLine.library v1.0

????

1.106 owndevunit

OwnDevUnit.library v2.1

A library that provides an extended locking mechanism for a Device/Unit pair.

By using OwnDevUnit.library, a program can request that the serial port is being temporarily released.

Fred Fish PD-serie. Disk N\textdegree{} 650.
Source included.

Autor : Christopher Michura

1.107 parm

ParM.library v8.4

Part of ParM.

Fred Fish PD-serie.

Autor : Sylvain Rougier and Pierre Carrette

1.108 pattern

Pattern.library v5.0

Allows AmigaDOS pattern-matching, using KickStart v1.2 and higher. Matches AmigaDOS patterns with strings and converts strings into Uppercase or Lowercase, including umlauts.

Supports all AmigaDOS v2.0 and ARP.library pattern characters. Used by PGREP for searching files.

Fred Fish PD-serie. Disk N\textdegree{} 625.

Autor : Angela Schmidt

1.109 post

Post.library v15.0

PostScript interpreter routines for Post.

1.110 powerpacker

PowerPacker.library v35.347

Decrunching routines for PowerPack'd files.
A shared library to make life easy for people who wish to write
programs that support "PowerPacker".
Loading crunched files from C or Assembly is made fast, short and
easy.

Fred Fish PD-serie. Disk N\textdegree{} 678.

Autor : Nico Francois.

1.111 powervisor

Powervisor.library

Debugger/Disassembler routines.

Available for anonymous FTP from [ab20.larc.nasa.gov](ftp://ab20.larc.nasa.gov).

1.112 ppipec

PPIPC.library v2.2

Process Intercommunication.
Very flexible.

Fred Fish PD-serie. Disk N\textdegree{} 290.

Autors: Pete Goodeve and Peter da Silva

1.113 prefs

Prefs.library

????

1.114 project_d

Project_D.library

Library for Project_D.

1.115 prtspool

PrtSpool.library v0.1

A shared library to easily add text or graphics print spooling to any C or Assembly program.

Fred Fish PD-serie. Disk N\textdegree{} 463.

Autor: Jeff Glatt

1.116 qwemathtrans

QweMathTrans.library

????

1.117 regex

Regex.library v1.0

An Amiga shared library version of the GNU regular expression package from the "Free Software Foundation".

Fred Fish PD-serie. Disk N\textdegree{} 248.

Autors: Edwin Hoogerbeets, FSF and Jim Mackraz

1.118 req

Req.library v2.5

A runtime, reentrant library designed to make it easier for programmers to use powerfull, easy-to-use requesters, for communicating with users.

Includes such functions as a color requester, file requester, message display requester and many functions to make the creation of gadgets for your own custom requesters easier.

Very large and popular requesters used by a lot of programs.

Fred Fish PD-serie. Disk N\textdegree{} 419.

Auteurs: Colin Fox and Bruce Dawson

1.119 reqtools

ReqTools.library v38.1002

A variety of nice requesters.

Has File-, Font-, Palette-, ScreenMode- and Volume-requesters.

It also make the System-requesters smarter/better-feeling.

Comes with a patch to use it when ever a program calls either

ARP.library , ASL.library , Intuition.library or Req.library .

ReqTools also support the new Locale-system from 2.1+.

The requesters can be fully user-configured via a Prefs-editor
to put in the Prefs-Drawer.

Versions for System software v1.3 and v2.xx.

Fred Fish PD-serie.

Autor : Nico Francois.

1.120 requester

Requester.library v1.12

File Input/Output requester.

Fred Fish PD-serie. Disk N\textdegree{} 463.

Autor : Dissidents Software.

1.121 review

Review.library v1.16

Review buffer functions for VLT.

Fred Fish PD-serie. Disk N\textdegree{} 668.

Autor : Willy Langeveld

1.122 rexxapp

RexxApp.library v0.1

Helps in creating an ARexx host.

Fred Fish PD-serie. Disk N\textdegree{} 463.

1.123 rexxarplib

RexxARPlib.library v2.3

Connects ARexx and ARP.library

A library which originally supposed to be an ARexx interface to the ARP.library . However, it has also become an interface to various Intuition.library functions, containing over 50 functions including a file requester, string/boolean requester, environment variable functions, simple message window, wildcard expander, etc, etc.

Fred Fish PD-serie. Disk N\textdegree{} 227.

Autor: W.G.J. Langeveld

1.124 rexxextra

RexxExtra.library

ARexx utility function library.

1.125 rexxflow

RexxFlow.library

This is an ARexx interface to the Flow.library .

Mail dej@qppoint.amiga.ocunix.on.ca for information on acquisition.

1.126 rexxmathlib

RexxMathlib.library v1.3

A library which makes various high level math functions such as SIN, TAN, LOG, etc, etc. available in ARexx.

Fred Fish PD-serie. Disk N\textdegree{} 227.

Autor : W.G.J. Langeveld

1.127 rexxmathsbii

RexxMathsbii.library v1.0

Math routines for ARexx.

1.128 rexxreqtools

RexxReqTools.library v37.19

Library that will give users of ARexx access to all the requesters in the ReqTools.library .

Fred Fish PD-Serie.

Autor : Rafael D'Halleweyn

1.129 rexxsupport

RexxSupoort.library v34.9

ARexx support modules.

Part of the System software version 2.xx+

Autor : Commodore Amiga.

1.130 rexxsyslib

RexxSyslib.library v36.23

Main ARexx Modules.

Part of the System software version 2.xx+.

Autor : Commodore Amiga.

1.131 rezlib

Rezlib.library

Used by REZ, for making programs resident.

Autor : Jim Goodnow.

1.132 rxgen

RXgen.library v1.0

An ARexx library that allows you to call any function of almost any Amiga library from an ARexx program.

Fred Fish PD-serie. Disk N\textdegree{} 459.

Autor : Francois Rouaix

1.133 rx_intui

RX_Intui.library 0.0

Intuition calls from ARexx.

Fred Fish PD-serie. Disk N\textdegree{} 463.

Autor : Jeff Glatt.

1.134 samp

Samp.library v1.0

An interface library for an IFF-FORM "SAMP", 16bit sampled sound file format.

This format allows more than one waveform per octave, and the lengths of different waveforms do not have to be factors of 2.

Fred Fish PD-Serie. Disk N\textdegree{} 348.

Autor : Jeff Glatt, Dissidents Software.

1.135 saslibraries

These packages form a complete development system for the creation of Amiga shared libraries, including ARexx function libraries and no knowledge of Assembly language is required.

System v2.xx+ is not required.

Mail dej@qpoint.amiga.ocunix.on.ca.

1.136 scalaiv24

ScalaIV24.library v32.2

Support library for Scala MultiMedia package.

1.137 scalamm

ScalaMM.library v45.2

Support library for Scala MultiMedia package.

1.138 screenshare

Screenshare.library v1.46

Gives Public Screens to System v1.3 users.
Became obsolete with the System v2.04 "Public Screens"
Used by many ARexx scripts.

Fred Fish PD-Serie.

Autor : Willy Langeveld.

1.139 shadow

Shadow.library v4.3

Concurrent-object-oriented library.

Requires System 2.04, and current version has problems with 68000.

Available from anonymous FTP from `ab20.larc.nasa.gov`.

1.140 unnamed.1

1.141 simplexfont

```
Simplexfont.library    v1.0
-----
```

Scaleable font for VLT.

Fred Fish PD-serie. Disk N\textdegree{} 668.

Autor : Willy Langeveld.

1.142 sregexp

```
SRegExp.library       v11.1
-----
```

A runtime library of routines for doing wildcard pattern matching and wildcard path matching.

It accepts a slight extension of the AmigaDOS wildcard syntax, including a "not" operator and character sets.

Fred Fish PD-Serie. Disk N\textdegree{} 527.

Autor : Jon Spencer.

1.143 stopus

```
STOpus.library        v1.1
-----
```

For playing SoundTracker modules with DirectoryOpus.

1.144 streplay

```
Streplay.library      v33.801
-----
```

A shared library which allows loading and playing of SoundTracker-modules, even from high level languages like BASIC or C, without any special effort.

Fred Fish PD-Serie. Disk N\textdegree{} 258.
Source included.

Autor : Oliver Wagner.

1.145 strokefont

Strokefont.library v1.0

Scaleable font for VLT.

Fred Fish PD-serie. Disk N\textdegree{} 668.

1.146 task

Task.library v1.2

????

1.147 tdisk

TDisk.library v4.1

????

1.148 test_multi

Test_Multi.library v1.0

????

1.149 test_one

Test_One.library v1.0

????

1.150 text_ed

Text_Ed.library v0.1

????

1.151 textmode

TextMode.library v1.0

????

1.152 tool

Tool.library v8.1

A shared library containing 45 useful functions for all kinds of programs.

There are functions for ports, sorting, gadgets, memory, string, directory and file handling, etc, etc.

Fred Fish PD-serie. Disk N\textdegree{} 475.

Autor : Jan van den Baard

1.153 toolmanager

ToolManager.library v3.0

This library is the handler for the ToolManager.

The library offers 6 functions to create and manipulate ToolManager objects, so you can use them in your programs.

Fred Fish PD-Serie.

Autor : Stefan Becker

1.154 track

Track.library

Memory tracking functions for VMAlloc.

1.155 translator

Translator.library v37.1

Speech synthesis modules.

WAS!!! Part of the System software.
Commodore have stopped suppling this library with the System.
What on earth are they thinking on at Commodore?!?!?

Autor : Commodore Amiga.

1.156 turtle

Turtle.library v3.2

A shared library of "Turtle" functions for drawing in a RastPort.

Fred Fish PD-Serie. Disk N\textdegree{} 321.
Source included.

Autor : Thomas Albers.

1.157 utility

Utility.library v37.3

General utility routines for Tags, Date/Time and math.

Part of the System software version 2.xx+.

Autor : Commodore Amiga.

1.158 vector

Vector.library v1.66

Routines for 3D object manipulation and display.

Available for anonymous FTP from [ab20.larc.nasa.gov](ftp://ab20.larc.nasa.gov).

1.159 version

Version.library v38.12

Current software version info.

Part of the System software.

Autor : Commodore Amiga.

1.160 virus

Virus.library v4.99

Virus detection library for VScan.

1.161 vmem

VMem.library v1.1

????

1.162 voice

Voice.library v6.6

Replacement for the speech device which uses digitized phonemes.

1.163 whatis

WhatIs.library v3.5

WhatIs.library can detect filetypes and is fully parametrable by an user made ASCII file.

You can describe filetypes and they will be recognized by the library.

Fred Fish PD-Serie. Disk N\textdegree{} 843.

Autors: Sylvain Rougier and Pierre Carrette.

1.164 workbench

Workbench.library 37.132

Routines for managing Workbench.

Part of the System software.

Autor : Commodore Amiga.

1.165 works

Works.library v1.0

????

1.166 wp

WP.library

Library for WordPerfect.

1.167 wshell

WShell.library

WShell 2.0.

1.168 wwreq

WWReq.library

Requesters for the WordWorth Word Processing Program.

1.169 xcolor

XColor.library v34.2

????

1.170 xferq

Xferq.library

This is the replacement to the Flow.library .
It manages a database of filenames queued for transmission over a network link.

This library is still under development and is subject to change.
It comes with an ARexx interface.
System software Release version 2.04 is required.

Mail dej@qpoint.ocunix.on.ca for information on acquisition.

1.171 xmodem_term

XModem_Term.library v0.0

XModem functions.

Fred Fish PD-serie. Disk N\textdegree{} 462.

Autor : Dissidents Software.

1.172 xmodem1k_term

XModem1K_Term.library v0.0

XModem 1K functions.

Fred Fish PD-serie. Disk N\textdegree{} 462.

Autor : Dissidents Software.

1.173 xpkmaster

XPKmaster.library

Compression.

umueller@amiga.physik.unizh.ch

1.174 xpr

XPR<protocol>.library

Part of the XPR protocol movement.

Includes ASCII, JModem, Kermit, QuickB, SZModem, VMS, XModem, YModem, ZModem, ZSpeed and maybe others.

Version numbers are:	XPRASCII	1.3
	XPRJModem	0.1
	XPRKermit	1.5
	XPRQuickB	1.0
	XPRVMS	0.8
	XPRXModem	34.34
	XPRYModem	1.0
	XPRZModem	2.50
	XPRZSpeed	2.11

1.175 xte

XTE<protocol>.library

????

Version numbers are:	XTEANSI	1.0
	XTEHex	1.0
	XTETTY	1.0

1.176 ybatch_term

YBatch_Term.library v0.0

YModem batch functions.

Fred Fish PD-serie. Disk N\textdegree{} 462.

Autor : Dissidents Software.

1.177 ymodem_term

YModem_Term.library v0.0

YModem functions.

Fred Fish PD-serie. Disk N\textdegree{} 462.

Autor : Dissidents Software.