# SystemFiles

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# SystemFiles

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                    ********************
            ***  SystemGuide  ***
            ********************
                 Version 1.0


   A comprehensive reference guide to Amiga software system files.
                Compiled by Dan Elgaard.



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Narrator.device            (37.7)

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        Timer.device               (39.4)

        TrackDisk.device           (39.4)

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        Explanation

        Tutor
     FileSystems:


        BFFSFileSystem
```

```
CDFileSystem              (40.11)

CrossDOSFileSystem        (40.19)

EnvoyFileSystem           (40.24)

FastFileSystem            (40.1)

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MSDOSFileSystem           (40.21)

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Explanation

Tutor
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AUX-Handler

Berserker-Handler          (1.5)

BootRAM-Handler            (1.1)

BTN-Handler                (3.0)

Calc-Handler

CDROM-Handler             (1.10)

CHandler

Chop-Handler

Click-Handler              (1.0)

CONHandler

DClock-Handler            (1.29)
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Disk-Handler

DMouse-Handler              (1.09)

DPipe-Handler

Dummy-Handler

EPU<x>.Handler

FastPAR-Handler

FHandler

FIFO-Handler               (3.2)

Flat-Handler               (1.3)

FSovl-Handler

GMC-Handler                (9.8)

GuruHandler                (1.0)

GVPPortHandler             (1.1)

Helios-Handler             (1.1)

ID-Handler                 (1.0)

IP-Handler

IXPipe-Handler

Janus.Handler

JM-Handler

KeyMacro-Handler

KeyMenu-Handler            (1.0)

KingCON-Handler            (1.3)

Lh-Handler                 (1.5)

LockDevice-Handler

MDM-Handler

MSClock-Handler

Mouse-Handler              (1.0)

My-Handler
```

```
MyMenu-Handler

NetDNet-Handler

NetPNet-Handler

NewCON-Handler

NFS-Handler

NL-Handler

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Path-Handler

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PLT-Handler                     (1.3)

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PowerSnap-Handler               (37.520)

Print-Handler

Privilege-Handler

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RCON-Handler                    (1.4)

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SWindows-Handler

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WKeys-Handler

XFH-Handler                  (1.34)

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Zoom-Handler
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```
     Explanation

     Tutor
Libraries:


  6581SID.library            (1.1)

  68040.library              (37.30)

  Accounts.library           (37.5)

  ADPro.library              (3.23)

  AEDoor.library             (2.2)

  AK_Gen0.library            (36.52)

  AmigaGuide.library         (40.4)

  AMOS.library               (2.00)

  Analyser.library           (2.0)

  APIG.library               (3.3)

  ARP.library                (40.2)

  ASDG-GPIB.library          (21.3)

  ASDG-Low-Mem.library       (0.0)

  AsimPhoto.library          (1.1)

  ASL.library                (40.6)

  ASPIG.library              (1.1)

  Atari.library              (1.0)

  AVDB.library               (2.2)
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AVTextGad.library          (1.1)

AxTools.library            (2.7)

Bas_Runtime.library        (2.8)

BootBlock.library          (3.1)

Boxer.library

Bullet.library             (38.9)

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CIA.library                (39.1)

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DeBox.library              (1.7)

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DesTracker.library         (1.4)

DigitaFont.library         (1.0)
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DigitaIntelliFont.library      (1.0)

DigitaPostScript.library       (1.0)

DigitaTrueType.library         (1.0)

DG<xxxxxxxx>.library

Dialog.library                 (1.0)

DICECache.library              (3.58)

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DOrex.library                  (1.5)

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DownLoader.library             (3.1)

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Expansion.library          (39.7)

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Extend.library             (1.41)

FastCall.library           (2.3)

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FastScan.library           (1.105)

FCBBS.library              (2.2)

FIFO.library               (37.4)

FileID.library             (5.1)

Flam.library               (1.0)

Flow.library

FontEngine.library         (0.5)

FPU.library

Future.library             (1.0)

FWARexx.library            (3.0)

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FWPenPal.library           (3.0)

FWProWrite.library         (3.0)

FWWordPerfect.library      (3.0)

Fye.library                (37.313)

Gadget.library             (38.9)

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GadOutLine.library         (2.0)

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GadTools13.library         (34.13)

GadToolsBox.library        (39.3)

GarbageCollector.library   (3.0)

GB<xxxxxxxx>.library

GDARexxSupport.library     (1.0)
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Graphics.library           (39.90)

GWin.library               (2.0)

HAME.library               (5.1)

HardBlocks.library         (1.2)

HDMem.library              (2.0)

HisoftBASIC.library        (1.04)

HotLinks.library

Hr_R3D.library             (40.0)

IAs.library

Icon.library               (39.3)

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Lh.library                  (1.8)

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MathIEEEsingTrans.library   (37.1)

Mathtrans.library           (37.1)

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Memory.library             (37.0)

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MIDI.library               (7.94)

MMU.library                (7.0)

MMV8.library               (11.93)

MTool.library              (35.1)

MUIMaster.library          (7.973)

MultiPic.library           (2.5)

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MVD.library                (34.23)

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NonVolatile.library        (40.36)

ObjectiveGadTools.library  (1.0)

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OwnDevUnit.library         (3.3)

Pack_SCN1.library          (1.0)

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ReSourceHelp.library           (1.12)

ReSourceLoader.library         (1.12)

ReSourceMenus.library          (1.12)

ReSourceSyms.library           (1.12)

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RXgen.library                  (1.0)

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Samp.library                   (1.0)

SASlib/SASRXlib

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ScalaIV24.library        (32.2)

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ScreenFool.library       (1.4)

ScreenShare.library      (1.52)

SEKeyMap.library         (6.50)

Services.library         (37.10)

Shadow.library           (4.3)

ShutDown.library         (2.0)

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SpecialFX.library        (40.6)

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STC20.library            (3.304)

STOpus.library           (1.1)

STReplay.library         (33.801)

StrokeFont.library       (1.0)

SuperPlay.library        (1.5)

SuperView.library        (6.4)

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SWPost.library           (18.8)

SWShell.library          (6.0)

Task.library             (1.2)

TCLA.library             (0.0)

TDisk.library            (33.10)

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| TextMode.library | (1.0) |
| TIO.library | (1.0) |
| Timer.library | |
| Tool.library | (8.2) |
| ToolManager.library | (3.0) |
| Track.library | |
| Translator.library | (37.1) |
| TrapList.library | (5.4) |
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| TRM.library | (38.362) |
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| UnPack.library | (39.51) |
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| VD_R3D.library | (40.0) |
| Vector.library | (1.66) |
| Version.library | (40.25) |
| Vidi.library | (4.05) |
| VilIntuiSup.library | (2.8) |
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| Works.library | (1.1) |

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              WP.library                      (6.1)

              WShell.library                  (37.35)

              WWCore.library                  (1.0)

              WWFilter.library                (1.0)

              WWReq.library                   (1.0)

              WWSpell.library                 (1.1)

              XColor.library                  (34.2)

              XEm<xxxxx>.library

              XFD.library                     (33.1)

              XFDmaster.library               (34.2)

              Xferq.library                   (1.8)

              XModem_Term.library             (0.0)

              XModem1K_Term.library           (0.0)

              XPKmaster.library               (2.5)

              XPK<protocol>.library

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              XTE<protocol>.library

              YBatch_Term.library             (0.0)

              YModem_Term.library             (0.0)
```

## 1.6 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 my "LibraryGuide" ?
 So I released my "LibraryGuide" to the public via the Fred Fish Serie.
 It was a tremendous success :-)
 I got great respons from people, who gave lots of new Inputs (and lots
of error corrections :-))
 While adding to the orginal "LibraryList" by Gregory M. Stelmack, I
also started to keep track of my Device-files and Handler-files on two
other seperate lists, and shortly after I found out what great a success
my "LibraryGuide" had become, I released the two lists as "DeviceGuide"
and "HandlerGuide".
 With this triology of Guides I really began getting letters of useful
information for the Guides, thus giving me a hard time keeping pace with
the typing and releases of all 3 Guides.
 For a long time I played in my mind to make ONE BIG SUPER GUIDE, which
should hold all 3 Guides in one complete Guide.
 Then I started getting letters asking me to make a "FileSystemGuide",
and that made me take the big step.
 I merged the 3 orginal Guides into one and added a "FileSystem"-section
to it. Finally I changed the name to "SystemGuide" and shipped a beta-
version to the ones, that had supported the orginal Guides most, asking
them for ideas and opinions.
 Here you have it: The "SystemGuide" !!!

                                                        Dan Elgaard


## 1.7  explanation

                    Explanation
 -------------
 To make things easy I have supplied a little explanation for each of
the four SoftWare-types:


                    Devices

                    FileSystems

                    Handlers

                    Libraries


## 1.8  Explanation

```
                    Explanation
------------
 DEVS: is a drawer on WorkBench used to store Device files.
 These are typically used to control various pieces of HardWare, but
are otherwise fairly similar to Libraries.
 Like the
              Libraries
              , they are there to save the programmers writing
extra code.
 More importantly, they let different programs access the same
HardWare, without each program having its own set of driver routines.
 The most common complaint that new users come up with, is that a
program will not print out. This can be due to not choosing the right
PrinterDriver, but if the Amiga cannot find the
              Printer.device
              file
in the DEVS-drawer, no printing can be achieved.
 Some Devices are extremely odd and limited.
 The most obscure are the
              Scala.device
              , found only on that program.
As well as being huge (over 100Kb), it usually only work with one
version of Scala. It don't even control HardWare!
 This sort of Device file is very much the exception to the rule that
DeviceDrivers are for controlling HardWare.
 BTW: A working tutorial on Devices can be found on Fred Fish N\textdegree{}  ←↩
     113.
```

## 1.9  Explanation

```
 Explanation
-------------
 An explanation for a FileSystem !!!

 Well, what is there to say: Its a SYSTEM to FILE things :-)

 It is ways to tell you Amiga how to store data on various storage media.

 Some of the FileSystems comes with the System SoftWare and dosn't need
to be mounted (normally), but a lot has been written over the years and
those need to be mounted to let the system know they are in use.

 FileSystems are normally located in the L: drawer/unit.

 Read the "Doc"-file for each FileSystem to get more infomation.
```

## 1.10  Explanation

```
                    Explanation
-------------
 L: is a directory on Workbench and many other disks. It is used mainly
```

to store Handlers.
 Handlers is somewhat of a
                Device
                -driver, but with sone differents:

1)
                Device
                -drivers normaly support HardWare, Handlers normally support
  SoftWare.

2) Handlers also normally is the one that actually make the connection
    between a program/AmigaDOS and a
                Device
                -driver itself.

3)
                Device
                -drivers can normally be used by many program, a Handler can
    normally be used by a single program/unit only.

 Say we want to Mount the AmigaDOS unit SPEAK:, which as far as AmigaDOS
concern is a hardware unit...

-AmigaDOS is software, so if we look at rule N\textdegree{} 1 it needs a Handler ←
   .

-SPEAK: is hardware, so follow the same rule it needs a
                Device
                .

-So far we have: AmigaDOS -> ????? Handler -> ????????
                Device
                -> SPEAK:

-The
                Device
                -driver for SPEAK: is
                Narrator.device
                .

-How do I know that ?  Well, I just look in the
                Devices
                -section :-)

-Now we have:   AmigaDOS ->  ????? Handler ->
                Narrator.device
                -> SPEAK:

-If we look at rule N\textdegree{} 2, we need something to make the link between
  AmigaDOS and the
                Device
                -driver, namely a Handler! Ta Daa!

-What Handler do we need ?

-Look at rule N\textdegree{} 3: a Handler normally only work with one special ←
    unit.

-What unique Handler do we need for the SPEAK: unit ?

-Fortunately Handlers normaly are named after their purpose. So in this
  case it must be the
                  SPEAK-handler
                   .

-This gives:    AmigaDOS ->
                SPEAK-Handler
                ->
                Narrator.device
                -> SPEAK:

-BINGO! Here we have it! The Handler in a nut-shell! Normally :-)

-There is however another way to find out, which Handler we need!

-????

-Yes, just use this "SystemGuide" :-)

Another example are:

                  AmigaDOS ->
                AUX-Handler
                ->
                Serial.device
                -> AUX:

Or what about:

                  "KeyMacro" ->
                KeyMacro-Handler
                ->
                Keyboard.device
                 And a little special one:

                  AmigaDOS ->
                PIPE-Handler
                -> AmigaDOS

Remember, a Handler supports software and AmigaDOS is software.


## 1.11  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!!!
 BTW: A working exambie to make a shared Library is on Fred Fish N\textdegree{} ←
     79.
```

## 1.12  tutor

```
 Tutor
 -------
 This Guide is really simple to use.
 If you have a System-file and want to see if you have the latest
available version, just click on the System-file-type on the front
screen and you will be given a list of all known System-SoftWare of the
type you have requested.
 Now find the desired System-file in the list and check the version-
number, which is written just to the right of the System-file.
 If you want to find out more about a System-File, just click on it's
name, and you will be given informations about want is 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 a possible, so it should
be real easy to find your way around the Guide.
  NOTE:  It is not allways possible for me to find out where/how to get
         the latest/newest version of a System-file, so the version-number
         in this guide, and the version you get, if you follow my Guide to
         get it, may not be the same.
          People sending me new System-files, dosn't allways tell me where
         or how to get that specific version. Sorry, about that :-(
```

## 1.13  Tutor

```
 Tutor
 -------
 This Guide is really simple to use.
 If you have a Device-file and want to see if you have the latest
available version, just find the Device-file in the device-list and
check the version-number, which is written just to the right of the
DeviceDriver-file.
 If you want to find out more about a Device, just click on it's name,
and you will be given informations about want is 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 a possible, so it should
be real easy to find your way around the Guide.

   NOTE:  It is not allways possible for me to find out where/how to get
          the latest/newest version of a Device, so the version-number in
          this guide, and the version you get, if you follow my Guide
          to get it, may not be the same.
           People sending me new Devices, dosn't allways tell me where or
          how to get that specific version. Sorry, about that :-(


## 1.14  Tutor

  Tutor
  -------
 This Guide is really simple to use.
 If you have a FileSystem-file and want to see if you have the latest
available version, just find the FileSystem-file in the FileSystem-list
and check the version-number, which is written just to the right of the
FileSystem Driver-file.
 If you want to find out more about a FileSystem, just click on it's
name, and you will be given informations about want is 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 a possible, so it should
be real easy to find your way around the Guide.

   NOTE:  It is not allways possible for me to find out where/how to get
          the latest/newest version of a FileSystem, so the version-number
          in this guide, and the version you get, if you follow my Guide
          to get it, may not be the same.
           People sending me new FileSystems, dosn't allways tell me where
          or how to get that specific version. Sorry, about that :-(


## 1.15  Tutor

  Tutor
  -------
 This Guide is really simple to use.
 If you have a Handler-file and want to see if you have the latest
version, just find the Handler-file in the Handler-list and check
the version-number, which is written just to the right of the Handler.
 If you want to find out more about a Handler, just click on it's name,
and you will be given informations about want is 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 a possible, so it should
be real easy to find your way around the Guide.

   NOTE:  It is not allways possible for me to find out where/how to get
          the latest/newest version of a Handler, so the version-number in
          this guide, and the version you get, if you follow my Guide
          to get it, may not be the same.

            People sending me new Handlers, dosn't allways tell me where or
        how to get that specific version. Sorry, about that :-(


## 1.16  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 want is 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 a possible, so it should
be real easy to find your way around the Guide.

  NOTE:  It is not allways possible for me to find out where/how to get
        the latest/newest version of a Library, so the version-number in
        this guide, and the version you get, if you follow my Guide
        to get it, may not be the same.
         People sending me new Libraries, dosn't allways tell me where or
        how to get that specific version. Sorry, about that :-(


## 1.17  future


                Future
 --------
 I will continue to update this Guide, simply because it is in my own
interrest to keep track of the Amiga System Files (especially my
Libraries), but I will not release it just because there have been a
minor change to one or two of the Libraries or Devices.
 Every now and then when the Guide has gone though some updates, I will
release it.
 Check out the
            Updates
            -NODE to find out how to get the newest version
of the "SystemGuide".
 If you have some contribution to this Guide, I would like to hear from
you.  That could be newer versions, new Libraries or other System Files,
error corrections, informations yet unknown, etc, etc, etc.

                                My address:  Dan Elgaard
                                             Gestvej 5
                                             6270 Tønder
                                             Denmark


## 1.18  legal stuff

```
                        Legal Stuff
    ------------
```

                    Disclaimer

                    Copyright

                    Distribution

                    Credits

                    Contributors

## 1.19 disclaimer

```
   Disclaimer
   ------------
```

   This Guide is provided 'as is' without warranty of any kind, either
expressed or implied, including, but not limited to, the implied
warranty of the specific Device, FileSystem, Handler or Library itself.

   Though every care has been taken to make this Guide bug/error-free,
the entire risk as to the results, reliability and performance of using
any Device, FileSystem, Handler or Library based on the informations
in this Guide is assumed by you.

## 1.20 copyright

```
   Copyright
   -----------
```

 This Guide is 'FreeWare'.

 It can be freely copied and distributed for non-commercial purposes,
provided that no file is added to or removed from the distribution
archive and no charge, beside a nominal fee, is requested.

 Nevertheless the Guide remains COPYRIGHT of the author. you cannot in
anyway modify the Guide, or any other file found in the distribution
archive except where explicitly allowed.
 This does not apply for the Icon-file ("SystemGuide.info"), which you
can modify, change or replace as you please.

 Furthermore you cannot embed the Guide in any other SoftWare, without
the written permission of the author.

## 1.21 distribution

```
   Distribution
   -------------
```

Compressing is allowed for personal use, but not for distribution.
LhArc'ing in an archival form is explicitly allowed for distribution
convenience.

Furthermore you cannot embed the Guide in any other SoftWare, without
the written permission of the author.


## 1.22   credits

```
                 Credits
   ---------
```
Here's some credits, to the ones that have helped me making this
"SystemGuide" possible.
This is some general Credits.
The
              Contributors
              to my work and this "Guide", has got their own NODE,
which is called
              Contributors
              :-)

Of cause the first must go the Gregory M. Stelmack, who where the first
to try to compile a full list of Amiga-Libraries, so we all had a chance
to find our way around the Library-Jungle.
Without his "LibraryList" I wouldn't have been inspried to start making
the "LibraryGuide", and eventually this "SystemGuide".

The second credit must go to all the
              Contributors
              to this guide.
You can find a list of them in the
              Contributors
              -NODE :-)

The next goes to my wife, for her hours-of-hours patience, while I'm
spending hours-of-hours in front of my Amiga :-)

Last the Major-Credit goes to Commodore for giving us the Amiga.


## 1.23   contributors

```
   Contributors
   --------------
```
Here is my credit list to the one's, that have helped me making this
"Guide" possible, both with new System-files, additional informations
and some error-corrections:

Willi P. Burkhardt (Schweiz),      Werner Ammann (Schweiz),

```
   Marco Dalla Vecchia (Italy),        John de Kruyf (Holland),
   Lars Knudsen (Denmark),             Jorma Metso (Sweden),
   Simon Dick (England),               Liam Mac Mullan (Ireland),
   Simon Albert (Germany),             Armin Pigulia (Germany),
   Thomas Strauß (Germany).
```

                         Thank you very much...
                                                    Dan Elgaard


   P.S.  The order is randomly, except for Willi P. Burkhardt, who where
         the first to ever mail me with contributions.


## 1.24  authors

```
  Authors
  ---------
```
 Lots of people have written me asking if I could include the adress of
the authors or companies, that have written the System-files, like a
Library or a Device.
 So far I must say No!
 Until now I have hard time just keeping pace with all the new System-
files, new versions, error corrections, updates, etc, etc, etc, that
people are sending me, that it would require too must of my time to make
a list of the authors too. Remember that many addresses can be old ones,
and I will have to check addresses, change addresses, delete addresses,
time after time and I don't even think that such a list will be really
up-to-date for very long.
 Right now there is about 300 authors/companies to update in this Guide!
 But maybe it was something of an idea for another: To make what could
be an "AuthorGuide" containing names and addresses of the most popular
and known PD/Commercials authors and companies.
 If you want the address of an author or company from my Guide you will
have to get the package from the source mentioned, like Fred Fish and
read the address in the "Doc"-file or whatever.


## 1.25  Help

```
                  Help
  ------
```
 This "Guide" will not survive without YOUR help!
 If you have any System-files not mentioned in this "Guide", newer
versions or if you spot an error (impossible), please mail me and let
know.
 If you send me new System-files on diskette, please include the whole
package with doc's, includes and so on, or tell me how to get it.
 If you have any commercial System-files not mentioned, mail it to me,
and I will check it out, find out the version, the author, its purpose,
how to use, etc, etc, etc.
 You have my word, that I will not spread it, and after I'm finish with

it I will delete it, if you tell it's a commercial Library, or whatever.
 If you mail me a list of System-files, either on paper on as an ASCII-
text-file on diskette, please put in groups (Devices, Handlers, etc),
and you would help me a LOT if you write them down in alphabetically
order.
 By the way: I will not be returning floppy-disk unless you are in for
an
                Update
                . Check out the
                Updates
                -NODE.
 And I'm not able to read High-Density-Disks :-(


## 1.26  updates

                        Getting Updates
  ----------------
  When ever I get a new version of the "SystemGuide" finished, I will
mail it to the Fred Fish AmigaLib PD-Serie (What a name!!) and you can
get the latest version from that source.

  There is however a number of people, who just can't wait and write me
to get me to send them a copy of the latest version.
  I've had so many responses on my Guide-Series, that it as turned into
a very expensive outcome, shipping disks with the newest versions, to
all there is sending me a letter.
  You can still write me to send you a copy of the newest update, but in
the future I'll only be sending direct updates to the ones that ship me
a floppy-disk (Not High-Density) to copy the Guide on to and something
to cover the price of a stamp (maybe an extra disk or what ever).

  Note that the "SystemGuide" is still FREEWARE, and this is only to
cover my expences.
  Ofcause if you WANT to give a donation you are welcome ;-)))

  See the
                Future
                -NODE to get my address.


## 1.27  history

                        History
  ---------
  To fullfill the history of the "SystemGuide", I have also included the
history of the 3 orginal Guides, "DeviceGuide", HandlerGuide" and the
notorious "LibraryGuide".
  To get a full view of the history of this whole "SystemGuide"-project,
it is advised to read the
                Introduction
                -NODE too.

  History of the "SystemGuide".

```
        ------------------------------
  v0.99b   Not a public release. Just a beta-release.

  v1.0     First public release. Contains 546 Systems-Files.
```

DeviceGuide History

HandlerGuide History

LibraryGuide History

## 1.28  deviceguide history

```
               DeviceGuide History
  ---------------------
   Version

     1.0      First Public release.


     1.1      Second Public release.
              The "DeviceGuide" now contains 32 Devices.

     1.4      Third version. Never released to the major public.
              The "DeviceGuide" now contains 39 Devices.
              'Author' mis-spelling corrected.

               Credits
              -NODE added.

               Updates
              -NODE added.

              I'm not happy about the Style and Look of the Guide, but
             I hope to get it done very soon :-|
```

## 1.29  handlerguide history

```
               HandlerGuide History
  ---------------------
   Version

     1.0      First Public release.


     1.1      Limited release. Kind of Beta-test-release ;-)
```

```
              Released for some testing purpose.
              The "HandlerGuide" now contains 28 Handlers.


   1.3        Second Public release.
              The "HandlerGuide" now contains 32 Handlers.
              Look of
               Index
              -NODE changed a bit.

   1.4        Third version. Never released to the major public.
              The "HandlerGuide" now contains 33 Handlers.

               Credits
              -NODE added.

               Updates
              -NODE added.
```

## 1.30  libraryguide history

```
         Version


    1.0
       First Public release.


    1.1
       Second Public release.
The "LibraryGuide" now contains 210 Libraries
 and 36 Sub-Libraries.


    1.15
       Limited release.
Now contains 211 Libraries and 41 Sub-Libraries.


    1.40
       Third Public release.
Now contains 234 Libraries and 57 Sub-Libraries.


    1.75
       Fourth Public release.
Now contains 252 Libraries and 62 Sub-Libraries.


    2.0
       Last version. Never released.
Now contains 267 Libraries and 64 Sub-Libraries.
```

## 1.31   LibraryGuide History: Version 1.0

```
           Version 1.0      First Public release.

            The whole story about how and why I started this
           project, you can read in the
         Introduction
        -Node.
             No need to repeat myself here :-)
```

## 1.32   LibraryGuide History: Version 1.1

```
   Version 1.1       Second Public release.

               The "LibraryGuide" now contains 210 Libraries
           and 36 Sub-Libraries.
```

## 1.33   LibraryGuide History: Version 1.15

```
           Version 1.15      Not released to the major Public, only to a  ←
              limited
           number of people, kind of a Beta-release ;-)

            Now contains 211 Libraries and 41 Sub-Libraries.



         Credits
        -NODE added.

               Style and Look fully compleated.
```

## 1.34   LibraryGuide History: Version 1.40

```
           Version 1.40      Third Public release.

            Now contains 234 Libraries and 57 Sub-Libraries.



         Legal Stuff
        -NODE added. (Somebody told me to).

         History
        -NODE added.


         Index
        -NODE added, just for the fun of it ;-)

               This was a MAJOR update because, I found out a lot of
```

```
          informations about many Libraries which I had to write.
           Beside that I got 39 new (Sub)-Libraries to do too.
           The
      Legal Stuff
  -NODE also took some time to figure
      out how to do and write :-)
           I also did a lot of Spell-checking, Style-checking and
      Error-correction on this one as well.
           At this time I also began getting letters with new
      information, I had to incorporate too.
```

## 1.35  LibraryGuide History: Version 1.75

```
          Version 1.75      Fourth Public release.

           Now contains 252 Libraries and 62 Sub-Libraries.



      Updates
  -NODE added.

           Icons for 4-Color WorkBench suppiled with the package.
           Anyone out-there, who still use just 4 colors ???

           Original Icons slightly changed.
           Can you see the different :-)

           Style and Look now really is fully compleated as
      stated in
      Version 1.15
      ;-)

           Although I'm not sure about the style, look, use and
      feel of the
      History
  -NODE :-?

           Important NOTE added to the
      Tutor
  -NODE.
```

## 1.36  LibraryGuide History: Version 2.0

```
          Version 2.0      Last version. Never released.

           Now contains 267 Libraries and 64 Sub-Libraries.

           Look of
      Index
  -NODE slightly changed.

           Error correction:  The
```

                         APIG.library
                         was not placed
                                             in the alphabetically order in the

                         Main
                         -List.

                    Error correction:  'Author' in each Library
                                        description was mis-spelled.
                                         Sorry about my english ;-)

## 1.37  artser.device

                         ArtSer.device    v37.6
    -----------------------
     A debugged and optimised version of the orginal
                 Serial.device
                     .
     All functions should be identical, but this one should be somewhat
    faster and safer (the original contained code that trashed a byte when
    closing the Device).
     To use this Device, place it in your DEVS: Directory, and select
    "ArtSer.device" instead of
                 Serial.device
                 in your COMMs Program.
     It's also possible to use this Device by renaming it to
                 Serial.device
                   and then replace the orginal
                 Serial.device
                 in DEVS: with this one.

    Can be found on the "AmiNet_0294" CDROM in ":COMM/Misc/".

    Authors: Commodore Amiga and Arthur Hagen.

## 1.38  asdg.vdisk.device

                         ASDG.VDisk.device    v1.0
    --------------------------
     This AmigaDOS Device driver implements a completely DOS compatible
    disk Device in memory, VD0:, that survives resets, guru's, and crashes.

     This Device is no longer of any use because it dosn't work with 32Bit
    RAM or with memory greater than 8 MB.
     A new version called
                 VDisk.device
                 has been written that can cope
    with both 32Bit RAM and memory greater than 8 MB.

     But an even greater improvement has been done with
                 StatRAM.device
             ,

which is more resistent, flexible, faster and can be configured in many
more ways than VD0:.

 Fred Fish PD-Serie. Disk N\textdegree{} 241.

 Author :  Perry Kivolowitz, ASDG Inc.

## 1.39   audio.device

```
 Audio.device   v37.10
 ----------------------
```
For controlling sound.

Comes with the System software.

Author : Commodore Amiga.

## 1.40   baudbandit.device

```
                  BaudBandit.device   v1.4c
 ---------------------------
```
 A ShareWare replacement for the
             Serial.device
             which is much faster,
 even on a 68000 Amiga, and dosn't 'frezze' while on heavy duty :-)
 Actually it is a lot faster, it supports speeds of up to 115.200 BAUD.

 SaarAG PD-Serie. Disk N\textdegree{} 517.

 Author : Christian Buchner.

## 1.41   bookmark.device

```
 BookMark.device   v220.32768
 ----------------------------
```
 This is part of the CDTV boot CDROM, and is used by a very few programs
 for storing save game information and hiscore tables to memory (either
 normal memory, or to PCMCIA type I memory cards as found in CDTV).

 Part of the CDTV System SoftWare.

 Author : Commodore Amiga.

## 1.42   bscisdn.device

```
 BscISDN.device   v2.134
------------------------
```

Support Device for the new ISDN commuication standard.

Supplied by bsc with their ISDN-Card.

Author : Chris Haller.

When do we get to see ISDN for the A500 ???
I sure would like to use it on my A500+ !!!

## 1.43  carddisk.device

```
 CardDisk.device   v37.11
-------------------------
```

Used to control the PCMCIA port which is built into A600 and A1200.

Part of the System SoftWare from 2.05.

Author : Commodore Amiga.

## 1.44  cd.device

```
 CD.device
-----------
```

Used to control the CD32s CDROM drive.

Part of the System SoftWare from 3.1.

Author : Commodore Amiga,

## 1.45  cdromemu.device

```
                 CDROMEmu.device   v1.1
------------------------
```

 CDROMEmu.device emulates a
             TrackDisk.device
             unit which reads a CDROM
 image from an AmigaDOS File.
 It is useful for CDROM manufacturers which want to verify the Output of
their pre-mastering program.

## 1.46  cdtv.device

```
 CDTV.device   v35.9
 --------------------
```

 This is a system Device found in the boot ROM for the CDTV (and maybe
also in the A570 CDROM drive for the A500).
 This actually seems to cause quite a bit of incompatibility since it is
hardwired and hence so rare (only found on A570/CDTV).
 There is a pair of program called "CDon" and "CDOff" written by
Jolyn Ralph of Almathera which supposedly switch CDTV.device ON and OFF
to improve compatibility.

 Part of the CDTV System SoftWare.

 Author : Commodore Amiga.


## 1.47  clipboard.device

```
 Clipboard.device   v38.8
 --------------------------
```
 ????

 Part of the System software.

 Author : Commodore Amiga.


## 1.48  compressdisk.device

```
                    CompressDisk.device   v37.25
 ------------------------------
```
 Device for controlling part of a HardDisk, that automatic crunch and
decrunch data as they are being saved and loaded.

 This is an Exec-Device, similar in the way of operating to M. Dillon's

            FMSdisk.device
               .
 Like that, in fact, it allows you to create 'virtual' disks, whose
tracks are saved on a file. Unlike
            FMSdisk.device
               , however, it uses a
different file for each track, and compresses the tracks.
 This allows you to create 'virtual' partitions on your HardDisk, usable
like normal partitions, but having the great advantage that every file
that you write in them is automatically compressed (and obviously, it is
decompressed whenever you read it back).
 Files stored on 'virtual' partitions can be rewritten (even partially),
and applications can even Seek() into them, as with usual files.

 SaarAG PD-Serie. Disk N\textdegree{} 567.

 Author : Antonio Schifano.

## 1.49   console.device

```
 Console.device    v39.28
-------------------------
Controls the text consoles.

Part of the System software.

Author : Commodore Amiga.
```

## 1.50   cslip.device

```
 CSlip.device    v37.4
-----------------------
???? (Something to do with NetWorking ?)

Can be found on the "AmiNet_0294" CDROM in ":COMM/Net/".

Author : Olaf 'Rhialto' Seibert.
```

## 1.51   diskspare.device

```
                DiskSpare.device    v2.0
-------------------------
 This is a completion or replacement of the
             TrackDisk.device
             .
 It lets you format your normal DD-Disks with 960 kB or 984 kB in a
standard Amiga Floppy Drive !!!

 ( In fact it's great and I use it a lot myself :-)
                                        Dan )

 Author : Klaus Deppisch.
```

## 1.52   dms.device

```
 DMS.device    v1.2
-------------------
 Disk-Masher System.

 "DMS" is program that makes it possible to copy the whole contents of a
disk into a file, preserving its disk structure, thereby makeing it
possible to DownLoad/UpLoad even TrackLoaded-Programs/Demos via Modems.

 DMS.device is a little Device driver, which gives you the ability to
mount .DMS files as a drive, instead of unpack to a disk.
```

## 1.53 envoyprint.device

```
EnvoyPrint.device   v40.1
-------------------------
```

"Envoy" is Commodore's new peer-to-peer Amiga networking package.
It provides the user with:
```
                          - NetWork File sharing
                          - NetWork Printing
                          - User Accounts and Security precautions
                          - Ability to make use of any
                             broadcast-capable SANA-II Device


                          ...and several other features.
```

This Device controls the NetWork Printing (I'm told).

Author : Commodore Amiga.

## 1.54 fmsdisk.device

```
                  FMSdisk.device   v1.0
  ----------------------
```
A file based
```
              TrackDisk.device
             -simulator, useful for creating a
```
floppy-like partition on your HardDisk (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

              FastFileSystem
              .
```

Fred Fish PD-Serie. Disk N\textdegree{} 294.
Includes source.

Author : Matt Dillon.

## 1.55 gameport.device

```
 GamePort.device   v37.12
 -------------------------
```
????

Part of the System software.

Author : Commodore Amiga.

## 1.56 gcrdisk.device

```
                  GCRDisk.device   v1.0
   -----------------------
  For use with PC 1.44 MB HighDensity Floppy Drives.


  There is also a Device called
              Mega19T.device
            , and it seems to be the
 same Device as this, but I havn't been able to find out.
  Anyone out there who can help ?!?
```

## 1.57 gvpscsi.device

```
   GVPSCSI.device   v4.13
   ------------------------
  For controlling SCSI HardDisks supplied from GVP.


  Comes with any GVP SCSI HardDisk.
 Well, it came with my GVP A530 anyway :-)


  Author : Ralph Babel.
```

## 1.58 hackdisk.device

```
                  HackDisk.device   v2.02
   -------------------------
  A complete replacement for
              TrackDisk.device
              featuring a verify option
 and better performance.
  HackDisk.device is supplied as an OS module that may be RAM-Kick'ed or
 placed directly in the KickStart ROM.
  Includes support for 150RPM HD floppy-drives and untested support for
 5.25 inch drives.


  SaarAG PD-Serie. Disk N\textdegree{} 572.
 Source in 'Assembly' included.


  Author : Dan Babcock.
```

## 1.59 harddisk.device

```
   HardDisk.device
   -----------------
  A complete Driver for a WD-1002-05 HardDisk-Controller Card.
  This Card can handle 3 HardDisks and 4 Floppies, but the Driver
 currently only handles one HardDisk.
```

```
 Fred Fish PD-Serie. Disk N\textdegree{} 98.
Includes source.
```

```
 Author : Alan Kent.
```

## 1.60 hardfile.device

```
 HardFile.device    v1.0
 -----------------------
 Support Device for the "PCTask" PC Emulator.

 This Device allows you to set up a MountList entry to access virtual PC
HardDisks from AmigaDOS.

 Comes with the registered package of "PCTask".

 Author : Chris Hames.
```

## 1.61 hardtrack.device

```
 HardTrack.device    v37.00
 --------------------------
 ????
```

## 1.62 hidedisk.device

```
 HiDeDisk.device    v1.62
 ------------------------
 ????

 It must have something to do with HighDensity Floppy Disk :-?

 Author : Stefan Klensch.
```

## 1.63 highdensity.device

```
                  HighDensity.device    v1.0
 --------------------------
 This is the HighDensity version of the
           DiskSpare.device
              .
 It lets you format your HighDensity-Disks with 1.88 MB or 1.92 MB, if
you have a HighDensity Floppy Drive.

 Author : Klaus Deppisch.
```

## 1.64   ilink-fb.device

```
 ILink-FB.device   v2.0
-----------------------
 ????
```

## 1.65   input.device

```
 Input.device   v37.12
-----------------------
 ????
```

Part of the System software.

Author : Commodore Amiga.

## 1.66   ipc.device

```
 IPC.device   v36.72
---------------------
 ????
```

## 1.67   ivs_scsi.device

```
 IVS_SCSI.device   v1.3
------------------------
 ????
```

## 1.68   jdisk.device

```
 JDisk.device   v33.2
----------------------
 ????
```

## 1.69   keyboard.device

```
 Keyboard.device   v37.12
--------------------------
 For controlling Input/Output from the keyboard.
```

Part of the System software.

Author : Commodere Amiga.

## 1.70   load.device

```
 Load.Device    v1.0
 -------------------
 A Device which monitors system parameters.

 Fred Fish PD-Serie. Disk N\textdegree{} 111.
Includes Source.

 Author : Jeff Kelley.
```

## 1.71   map.device

```
 Map.device    v4.3
 -------------------
 Part of the "DisKey" Disk monitor.

 Fred Fish PD-Serie. Disk N\textdegree{} 564.

 Author : Bernhard von Müllemann.
```

## 1.72   mega19t.device

```
                Mega19T.device    v1.0
 ----------------------
 For use with PC 1.44 MB HighDensity Floppy Drives.

 There is also a Device called
           GCRDisk.device
           , and it seems to be the
 same Device as this, but I havn't been able to find out.
 Anyone out there who can help ?!?
```

## 1.73   messydisk.device

```
                MessyDisk.device    v34.5
 -------------------------
 Support Device for "MSH" and
           MessyFileSystem
           which allows you to Read
 and Write PC disks directly from AmigaDOS.
 This FileSystem supports 8, 9 or 10 sector disks of 80 tracks, and
should also work on 40 track Drives and HardDisks with 12 or 16 bit FAT
of any dimension the FAT allows.

 Fred Fish PD-Serie. Disk N\textdegree{} 382.
Includes Source.

 Author : Olaf Seibert.
```

## 1.74   mfm.device

```
                MFM.device    v40.9
-------------------
New Device in support of "CrossDOS".
Allows Amiga floppy drives to read PC-format disk.
Interface is similar to
            TrackDisk.device
              .


Part of the System software.

Author : Commodore Amiga.
```

## 1.75   modem<x>.device

```
 Modem<x>.device
-----------------
Set of support Devices for Supra ZI MODEMs.

They are labeled 0-4:  Modem0.device   v2.5
                       Modem1.device   v2.5
                       Modem2.device   v2.5
                       Modem3.device   v2.5
                       Modem4.device   v2.5


They can all be found on the "AmiNet_0294" CDROM in ":Hard/Drivr/".
```

## 1.76   multidos.device

```
                MultiDOS.device   v1.12
-------------------------
The Device which the
            MultiDOSFileSystem
              uses to read IBM PC disks.
```

## 1.77   narrator.device

```
 Narrator.device   v37.7
-------------------------
Device for speech.

Part of the System software.

Author : Commodore Amiga.
```

## 1.78 nexus.device

```
 Nexus.device    v1.10
 ----------------------
 ????
```

## 1.79 nullmodem.device

```
 NullModem.device    v2.0
 -------------------------
```
 A SoftWare Device that imitates two modems and a phone line, on one
machine.
 Written as a developer-tool to be able to play around while testing
communication SoftWare/HardWare without having to spend any money on
expensive phone calls.
 Can be used for testing various other programs.

 Fred Fish PD-Serie. Disk N\textdegree{} 905.

 Author : Iain Hibbert.

## 1.80 parallel.device

```
 Parallel.device    v40.1
 -------------------------
```
 For controlling HardWare conected to the parallel port.

 Part of the System software.

 Author : Commodore Amiga.

## 1.81 parnet.device

```
 ParNet.device    v2.4
 ----------------------
```
 The SoftWare Distillery's NET: FileSystem using Matt Dillon's parallel
port code.
 Using a special DB25 cable, two Amigas can be connected via the
parallel port.
 One Amiga can mount the other as a Device and Read/Write the files as
if they were local.

 Fred Fish PD-Serie. Disk N\textdegree{} 400.

 Authors: Doug Walker, John Toebes & Matt Dillon.

 There is also an optimized version floating around by Luca Spada.

## 1.82 pipe.device

```
               PIPE.device
  -------------
  A Public Domain
             PIPE-Handler
             , inplemented as a Device.

  Fred Fish PD-Serie. Disk N\textdegree{} 55.

  Author : Matt Dillon.
```

## 1.83 plip.device

```
               PLIP.device   v38.7
  ---------------------
  "PLIP.device" is a NetWork Device Driver conforming to the 'SANA2'-
standard.
  It allows linking of two Amigas using their Parallel Ports.
  Transfer speed is around 40 kbyte/sec.
  The complete low level transfer protocol is integrated in the Device
Driver, including Port arbitration handshaking and interrupt driven
Reads.
  Although the transfer process itself is CPU intensive, the Device needs
no CPU Resources when no transfer is in progress.
  "PLIP.device" is intended as a low-cost networking solution, since the
capabilities of the Parallel HardWare are somewhat limited.
  However, it gives much better results than
             SLIP.device
             and leaves the
Serial Port free.

Can be found on the "AmiNet_0294" CDROM in ":COMM/Net/".

Author : Oliver Wagner.
```

## 1.84 printer.device

```
   Printer.device   v39.6
  ------------------------
  Device for printer Input/Output.

  Part of the System software.

  Author : Commodore Amiga.
```

## 1.85 ramdisk.device

```
 RAMDisk.device    v1.1
----------------------
 Another recoverable RAM-Disk.
 This one supports up to 32 Units and can be autobooted.
 Unused sectors are deleted from memory.
 The RAM-Disk can be formatted, copied to, or used just like a normal
Disk drive.

 Fred Fish PD-Serie. Disk N\textdegree{} 451.

 Author : Bob Dayley.
```

## 1.86  ramdrive.device

```
 RAMDrive.device    v39.35
-------------------------
 Controls the RAD: Disk.

 Part of the System software.

 Author : Commodore Amiga.
```

## 1.87  scala.device

```
 Scala.device
-------------
 Well, can't tell you much here since I don't have the Scala Package.
 But I do know that each version of Scala cannot work with another
version of the Scala.device than it's own!

 Comes with the Scala MultiMedia Package.
```

## 1.88  scottdisk.device

```
 ScottDisk.device    v33.1
-------------------------
 A mountable MicroForge SCSI Driver.
 Supports one SCSI buss Device with two HardDisk Units attached to it.

 Fred Fish PD-Serie. Disk N\textdegree{} 84.
Includes source.

 Author : Scott Turner.
```

## 1.89  scsi.device

```
 SCSI.device    v37.64
 ---------------------
 Device which controls the A590 and A2090/A2091 SCSI HardDisk Drives.
 It also controls the AT-IDE Drives, which can be attached to the A600,
A1200 and A4000.

 Part of the System SoftWare from v2.05.

 Author : Commodore Amiga.
```

## 1.90  scsi3.device

```
 SCSI3.device    v3.10
 ---------------------
 ????
```

## 1.91  serial.device

```
 Serial.device    v37.4
 ----------------------
 For controlling HardWare conected to the Serial port.

 Part of the System software.

 Author : Commodore Amiga.
```

## 1.92  slip.device

```
 SLIP.device     v37.4
 ---------------------
 ???? (Something to do with NetWorking ?)

 Can be found on the "AmiNet_0294" CDROM in ":COMM/Net/".

 Author : Olaf 'Rhialto' Seibert.
```

## 1.93  spar.device

```
                  Spar.device    v37.2
 --------------------
 SPAR is a "Sana-II" compatible Device driver for "ParNet" NetWorks.
 It allows you to make connections over a "ParNet" line with any network
protocol stack.
 It is created as a 'Front-End' Device, meaning that it calls the

           ParNet.device
           for low-level communications.
```

   The advantage of this method is that you can use any version of the

                 ParNet.device
               , even the versions that are patched for multi parallel
   boards.
    The Spar.device can be used with all applications that support the
   "Sana-II" standard, like "AS225", "Envoy", "AmiTCP", etc.

    Author : Sven A. Pechler.

## 1.94  spardebug.device

                        SparDebug.device   v37.2
      --------------------------
      ????

      I think it comes with the
                 Spar.device
                 package.

## 1.95  spool.device

     Spool.device    v37.9
     ---------------------
     This Printer spooler Device is used by the "PrintManager" Program.

     Fred Fish PD-Serie. Disk N\textdegree{} 810.

     Author : Nicola Salmoria.

## 1.96  spooly.device

     Spooly.device    v31.2
     -----------------------
     This Device is used by a program called "AShow".

     "AShow" is an all round IFF ILBM/ANIM display program. It has all the
     usual options for displaying ANIMs and still ILBMs, but it can also
     spool very large ANIMs from CD or HardDisk, this is where Spooly.device
     comes in. Without it "AShow" will not be able to view ANIMs larger than
     the current memory allows.

     It is found on "Demo CD II" produced by Almathera, on which it is used
     to display very large ANIMs.

## 1.97  static.device

```
                     Static.device   v2.1
     ---------------------
 Device for a DOS-unit called StatRAM or SD0:.
 This is a very fast recoverable RAM drive, like RAD:, that takes
advantage of
             FFS
             under WB2 or
             FFS
             International under WB2.1 or 3.
 This work is based on ASDG's
             VDisk.device
             , called VD0:.
 ASDG-RAM has been reliable for many years since it was placed in PD.
 However it has always been slow because it uses the
             Old FileSystem
             .
 On an accelerated machine, SD0: is up to 7 times faster, and averages
5 times faster than the original VD0: and 4-5 times faster than RAD:.
 It maintains the remarkable recoverability of the original VD0:.
 It survives the deepest re-boot, even the ColdReboot of rekicking a
KickStart-file.
 Has been totally re-written to handle any DOS FileSystem, be named what
you like and give back memory from deleted files instantly.
 This Device is now completely replaced by the new
             StatRAM.device
             .
```

Fred Fish PD-Serie. Disk N\textdegree{} 915.

Authors: Richard Waspe & Nicola Salmoria.

## 1.98  statram.device

```
                    StatRAM.device   v37.7
     -----------------------
 StatRAM is the 2. generation of the
             Static.device
             and is a completely
replacement of the
             Static.device
             , with many new features and highly
optimized code.
 StatRAM.device is a completely new program. Even the device name has
changed from the old
             Static.device
             .
 StatRAM.device works on any Amiga using V2.04 or greater of the OS.
 It handles any FileSystem (either Amiga or foreign, like the now
supplied
             CrossDOSFileSystem
             ), has ten units and may be layed out like
a Floppy Disk for quick diskcopies.
 It is dynamic, that is it allocates and frees memory as files are
copied and deleted, and is probably the most recoverable RAM Drive
```

available.
Even the worst system crash will not erase it, as long as the portion
of memory where it resides is not corrupted.

Authors: Nicola Salmoria and Richard Waspe.

## 1.99 telnetd.device

```
TelNetD.device
----------------
????
```

Can be found on the "AmiNet_0294" CDROM in ":COMM/Net/".

Author : Christopher A. Wichura.

## 1.100 telnetd.amitcp.device

```
TelNetD.AmiTCP.device    v1.0
------------------------------
????
```

Can be found on the "AmiNet_0294" CDROM in ":COMM/Net/".

Author : Christopher A. Wichura.

## 1.101 telnetd.as225.device

```
TelNetD.AS225.device    v1.0
------------------------------
????
```

Can be found on the "AmiNet_0294" CDROM in ":COMM/Net/".

Author : Christopher A. Wichura.

## 1.102 timer.device

```
Timer.device    v39.4
----------------------
```
The Device which allows programs to keep accurate timers going.

Part of the System software.

Author : Commodore Amiga.

## 1.103 trackdisk.device

```
 TrackDisk.device   v39.4
 ------------------------
For controlling Floppy disk drives conected to the Amiga.

Part of the System software.

Author : Commodore Amiga.
```

## 1.104 vdisk.device

```
                VDisk.device   v1.2
 --------------------
 This is the same as
            ASDG.VDisk.device
            ,except that it has been
rewitten, so that it works with 32Bit RAM and memory greater than 8 MB.

 But an even greater improvement has been done with
            StatRAM.device
            ,
which is more resistent, flexible, faster and can be configured in many
more ways than VD0:.

 Author :  Perry Kivolowitz, ASDG Inc.
```

## 1.105 bffsfilesystem

```
 BFFSFileSystem
 ----------------
???? (Berkeley FFS ?)
```

## 1.106 cdfilesystem

```
 CDFileSystem   v40.11
 ----------------------
???? (FileSystem for the CDTV ?).

Author : ??? (Commodore Amiga ?).
```

## 1.107 crossdosfilesystem

```
 CrossDOSFileSystem   v40.19
 ----------------------------
Part of the "CrossDOS" IBM PC Disk reader.
This allows the Amiga to Read & Write PC disks directly from AmigaDOS.
```

Part of the System software 2.1+.

Author : Commodore Amiga.

## 1.108 envoyfilesystem

```
 EnvoyFileSystem   v40.24
--------------------------
```
 Support FileSystem for Commodore's new peer-to-peer Amiga networking
package "Envoy".
 This FileSystem handles the network security in a way similar to that
of UNIX, where you have users and groups.
 Just like in UNIX, each user has a name, password, numeric user ID, and
a primary group ID.
 Each user also has specific flags that specify whether or not a user
may create groups, change his name, change his password, etc, etc, etc..
 A group in "Envoy" is also similar to the concept in UNIX, where each
group has a numeric group ID and contains an arbitrary number of users.
 Unlike UNIX, every machine using "Envoy" does not need to have it's own
private list of users and groups. Only machines that are exporting
services need to have a user and group database.

Author : Commodore Amiga.

## 1.109 fastfilesystem

```
                  FastFileSystem   v40.1
------------------------
```
 This is the replacement for the
            Old FileSystem
            .
 This FileSystem also handles disks with the
            Old FileSystem
            .
 This used to be a disk-based FileSystem under Kickstart 1.3, but has
been in ROM since Kickstart v2.04.
 This FileSystem comes in 3 versions:

    DOS1 :  The orginal FastFileSystem.

    DOS3 :  The international version of the FastFilesystem.

    DOS5 :  The Directory-Cache version of the FastFileSystem.

 These 3 versions of the FileSystem is also called its 3
            Generations
            .

Part of the System Software.

Author : Commodore Amiga.

## 1.110   messyfilesystem

```
 MessyFileSystem
 ---------------
 Yet another PC disk Read/Write FileSystem, that allows you to use PC
disks directly from AmigaDOS.
 This FileSystem supports 8, 9 or 10 sector disks of 80 tracks, and
should also work on 40 track Drives and HardDisks with 12 or 16 bit FAT
of any dimension the FAT allows.

 Fred Fish PD-Serie. Disk N\textdegree{} 382.
Includes Source.

 Author : Olaf Seibert.
```

## 1.111   msdosfilesystem

```
                    MSDOSFileSystem   v40.21
 -------------------------
 This is the presuccesor to the
             CrossDOSFileSystem
             .
 This FileSystem allows you to read and write MS-DOS/PC-DOS and Atari ST
formatted disks directly from AmigaDOS.
 It has now been completely replaced by the
             CrossDOSFileSystem
             .

 Fred Fish PD-Serie. Disk N\textdegree{} 382.
The version on this disks is a earlier TryWare/ShareWare-read-only-
version of the FileSystem.
To get the lastest fully functional version you have to register.

 Author : Leonard Poma, CONSULTRON.
```

## 1.112   multidosfilesystem

```
                  MultiDOSFileSystem   v1.12
 ---------------------------
 ???? (Another IBM PC disks Read/Write FileSystem ?).

 Hey, just use the
             CrossDOSFileSystem
             .
```

## 1.113   multiuserfilesystem

```
                  MultiUserFileSystem   v39.130
 --------------------------------
```

This FileSystem is part of the "MultiUser"-package.
 This package allows you to create a UNIX-like environment where several
users live  together in harmony, unable to delete each others files,
unable to read those private love-letters of other users...  And this
even if several users are working on the machine at the same time (on a
terminal hooked up to the serial port).
 This FileSystem is entended to be used as a patch for the orginal

            FastFileSystem
               .

Fred Fish PD-Serie. Disk N\textdegree{} 905.

Author : Geert Uytterhoeven.


## 1.114  networkfilesystem


              NetWorkFileSystem
------------------
This FileSystem is intended to be a replacement for the well-known

            ParNet.device
            by the Software Distillery.
This one is implented as a FileSystem, rather than a Device.

Can be found on the "AmiNet_0294" CDROM in ":COMM/Net/".

Author : Olaf 'Rhialto' Seibert.


## 1.115  old filesystem


              Old FileSystem
----------------
This is the only FileSystem supplied with the earlier Amiga's.
It is slow, only allows 488 bytes per track and is easily fragmented.
Is now completely replaced with the
            FastFileSystem
               .
This FileSystem comes in 3 versions:

   DOS0 :  The old FileSystem that is compatible to all Kickstarts.

   DOS2 :  This international version of the Old Filesystem.

   DOS4 :  The Directory-Cache version of the Old FileSystem.

These 3 versions of the FileSystem is also called its 3
            Generations
               .

Part of the System Software.

```
Author : Commodore Amiga.
```

## 1.116  proffilesystem

```
                ProfFileSystem   v6.11
------------------------
 A replacement for the standard
          Old FileSystem
          and
          FastFileSystem
        ,
which offers higher performance on all operations such as Read, Write,
Scan, Delete, Rename, etc, etc, etc, and full compatibility with
AmigaDOS.

 Fred Fish PD-Serie. Disk N\textdegree{} 955.

 Author : Michiel Pelt.
```

## 1.117  generations

```
 Generations of the FileSystem
------------------------------


 First there is the orginal version.

 Then there is the International version of the FileSystem which fixes
a bug in the orginal version that caused filenames with international
characters in them (like 'Ørsted') to be case-sensitive, meaning that
'Ørsted' and 'ørsted' used to be two different file names.
 In this new FileSystem version they refer to the same file.

 Last there is the Directory-Cache version of the FileSystem.
 This version uses a new block type (directory cache block) to speed up
directory accesses.
```

## 1.118  apipe-handler

```
 APipe-Handler   v37.5
------------------------
 The "APipe-Handler" allows you to add the 'APIPE:' DOS Device to your
system.
 This Device acts as a pipe between two Programs, but in a different
manner than the standard 'PIPE:' Device does.
 This Handler interprets the text after the 'APIPE:' prefix as a command
line to execute, and the process/command which opens the file indicated
by the mention of 'APIPE:' can now Read the standard Output or Write the
standard Input of the Program indicated by the command line depending on
whether the 'APIPE:' file was opened for reading or writing,
respectively.
```

Thus, the opening an 'APIPE:' file is analogous to the UNIX 'popen()'
call, but it is more widely available to the user.

Fred Fish PD-Serie. Disk N\textdegree{} 980.
Complete source is included.

Author : Per Bojsen.


## 1.119  aux-handler

```
 AUX-Handler
 -------------
```
AUX: is an 'AmigaDOS' unit very much like SER:, but AUX: doesn't have
a buffer.
AUX: need to be mounted.
This Handler connect 'AmigaDOS' and Serial.device when mounting AUX:.
All settings made to SER: (i.e. in Perfs) also have effect on AUX:.

Part of the System software.

Autor : Commodore Amiga.


## 1.120  berserker-handler

```
 Berserker-Handler   v1.5
 --------------------------
```
Support Handler for the "Berserker" Virus-Killer.

Fred Fish PD-Serie. Disk N\textdegree{} 436.
Contains partial Source in 'Assembly'.

Author : Ralf Thanner.


## 1.121  bootram-handler

```
 BootRAM-Handler   v1.1
 ------------------------
```
This is a Handler for a Reset-survivable RAM-Disk called BOOT:, which
can be used to boot from even, though it is dynamic.

Author : Frank Seide.


## 1.122  btn-handler

```
 BTN-Handler   v3.0
 --------------------
```
This is a SCSI Tape Device Handler.

It provides flat-file access to a SCSI Tape Drive from application
programs using simple calls to DOS- or C-Library I/O functions.
It can also be used with the Amiga "TAR" utility for Disk BackUps.
It uses your existing SCSI adapter's Device Driver for access to the
bus.
Has File number tracking and append-only and read-only safety modes.

Fred Fish PD-Serie. Disk N\textdegree{} 1000.
Includes C source and extensive documentation.

Author : Robert Rethemeyer.

## 1.123   calc-handler

 Calc-Handler
 --------------
This is the Handler that is used by the "Calc"-program.

 Calc is a simple calculator program that turns your keypad into a
calculator.
Unlike the calculator on the Workbench disk, however, this calculator
can appear on any screen where you may need it.

Fred Fish PD-Serie. Disk N\textdegree{} 497.

Autor : Davide P. Cervone.

## 1.124   cdrom-handler

 CDROM-Handler   v1.10
 -----------------------
This is the Handler for the "AmiCDROM".

 "AmiCDROM" is a CDROM Disk Filing System for the Commodore A4miga.
 It supports the ISO-9660 standard, the Rock Ridge Interchange Protocol
and the Macintosh HFS format.
 The CDROM drive is mounted as a DOS device (e.g. CD0:).
 You can access Files and Directories on a CDROM Disk by the usual
syntax, e.g. 'Type CD0:Foo/ReadMe.TXT'.

Autor : Frank Munkert.

## 1.125   chandler

                CHandler
 ----------
 This is exactly the same as the
            CONHandler
                 .
 It has been renamed to "CHandler" to be distributed in ARCed form.

```
    It must be renamed back to
                CONHandler
                when installed to work.

    Fred Fish PD-Serie. Disk N\textdegree{} 100.

    Author : William Hawes.
```

## 1.126  chop-handler

```
 Chop-Handler
 --------------
 Support Handler for the "Chop" hotkey program.

 Fred Fish PD-Serie. Disk N\textdegree{} 302.

 Author : Nico Francois. (Yes, Nico is his first name :-)
```

## 1.127  click-handler

```
  Click-Handler   v1.0
 ---------------------
  Support Handler for the "ClickUpFront" Program.

  Fred Fish PD-Serie. Disk N\textdegree{} 94.
 Includes Source.

  Author :  Davide P. Cervone.
```

## 1.128  conhandler

```
                 CONHandler
   ------------
 Replacement of the
               My-Handler
               as support Handler for "CONMAN", which
 is an old replacement for the standard console.
  It is no longer needed since DOS 2.xx+ now has all its functions as
 standard.

  Fred Fish PD-Serie. Disk N\textdegree{} 426.

  Author : William Hawes.
```

## 1.129  dcmd-handler

```
 DCMD-Handler
 -------------
 A Handler that monitors a CLI's console IO and copies it to a user-
specified file.
 The console IO is unaffected by this monitoring.

 Fred Fish PD-Serie. Disk N\textdegree{} 408.
Includes Source.

 Author : Matthew Dillon.
```

## 1.130 dclock-handler

```
 DClock-Handler   1.29
 ----------------------
 Handler for the "DClock"-Utility.
 "DClock" is 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.

 Fred Fish PD-Serie. Disk N\textdegree{} 398.
Includes source.

 Author : Olaf 'Olsen' Barthel.
```

## 1.131 disk-handler

```
 Disk-Handler
 --------------
 A sample implementation of a FileSystem that Reads and Writes disks,
which are DOS v1.2 formatted.

 Fred Fish PD-Serie. Disk N\textdegree{} 236.
Includes Source.

 Author : Software Distillery.
```

## 1.132 dmouse-handler

```
 DMouse-Handler   v1.25
 -----------------------
 Handler for the "DMouse"-Utility.
 "DMouse" is a versatile screen & mouse blanker, auto window activator,
mouse accelerator, popcli, pop window to front, push window to back
widget.

 Fred Fish PD-Serie. Disk N\textdegree{} 421.
```

```
Includes source.

 Author : Matt Dillon.
```

## 1.133  dpipe-handler

```
 DPipe-Handler
 ---------------
 Support Handler for "DNET".

 Fred Fish PD-Serie. Disk N\textdegree{} 294.

 Author : Matt Dillon.
```

## 1.134  dummy-handler

```
 Dummy-Handler
 ---------------
 Part of the "DisKey" Disk monitor.

 Fred Fish PD-Serie. Disk N\textdegree{} 564.

 Author : Angela Schmidt.
```

## 1.135  epu<x>.handler

```
                   EPU<x>.Handler
 ----------------
 3 Handlers for the "EPU" compressed-data read-program.

 "EPU" is a program like "Stacker" or "XPK" that allows applications to
access compressed data from 'AmigaDOS' Devices without knowing that the
data is compressed, and automatically compresses new data.
 The file size is not limited by memory and the settings of the Handlers
can be changed at any time.
 The Handlers are numbered 1-3 :   EPU1.Handler
                                   EPU2.Handler
                                   EPU3.Handler

 "EPU" also need the
             EPU<x>.library
             and the
             Lh.library
             to work.

 Fred Fish PD-Serie. Disk N\textdegree{} 858.

 Author : Jaroslav Mechacek.
```

## 1.136   fastpar-handler

```
 FastPAR-Handler
 ----------------
 Multitasking-friendly replacement for PAR:.
 Enables the user to continue working (the  original  PAR: laughs at
multitasking).
 Intended for use with DVIprint (PasTeX), but it can be used with all
programs that drive the Printer directly and allow Output to a file.

 Can be found on the "AmiNet_0294"-CDROM in ":Hard/Drivr/".

 Author : Christian Stieber.
```

## 1.137   fhandler

```
 FHandler
 ----------
 Support Handler for the "FuncKey" ShareWare function key editor.
 This Handler must be placed in C: rather than L: to work !!!

 Fred Fish PD-Serie. Disk N\textdegree{} 106.

 Author : Anson Mah.
```

## 1.138   fifo-handler

```
                   FIFO-Handler   v3.2
 --------------------
 This Handler support the FIFO: device.

 FIFO: is like PIPE: but is based on
              FIFO.library
              rather than its own
 implementation.
 Full master/slave support exists. Since FIFO: uses
              FIFO.library
            ,
programs that require non-blocking IO capability can access one side of
a FIFO: connection via the
              FIFO.library
              instead of FIFO:

 Fred Fish PD-Serie. Disk N\textdegree{} 588.

 Autor : Matt Dillon.
```

## 1.139   flat-handler

```
 Flat-Handler   v1.3
 -------------------
```

A filling system Handler which implements block-mapped filling devices
such as available under UNIX.
 Read and write calls are mapped to low-level system Input/Output
operations which allow to treat devices such as DF0:, DH0:, and RAD: as
big data files.
 These 'virtual' files can be copied, read, and written just like any
standard 'AmigaDOS' file.
 It is even possible to copy a hole disk with the CLI's "Copy" command
or to archive disks with "LhArc" and the like.

 Fred Fish PD-Serie. Disk N\textdegree{} 535.
Source in C included.

 Autor : Olaf Barthel.

## 1.140 fsovl-handler

```
 FSovl-Handler
 -------------
```

Running this creates a new Device which automatically compresses and
decompresses any Files which you access using it.
 If you type "CD ARCH:DF0", then you will change Directory to DF0:, but
any file which you write gets compressed before being written.

 Comes with "DICE v3.0".

## 1.141 gmc-handler

```
 GMC-Handler   v9.8
 ------------------
```

A console Handler with command line editing and function key support.
 The "GMC-Handler" 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.
 Also includes an Output buffer (dump to Printer and Window), filename
completer, script function, undo function, prompt beeper, pathname in
Window-title, close gadget for KS 2.0, etc, etc, etc...

 Fred Fish PD-Serie. Disk N\textdegree{} 434.

 Author : Goetz Mueller.

## 1.142 guruhandler

```
 GuruHandler   v1.0
 ------------------
```

 ????

Can be found on the "AmiNet_0294" CDROM in ":COMM/Misc/".

Author : Steve Drew.

## 1.143 gvpporthandler

```
 GVPPortHandler    v1.1
 ----------------------
 ????
```

Autor : Ralph Babel.

## 1.144 helios-handler

```
 Helios-Handler    v1.1
 ----------------------
 Support Handler for "HeliosMouse", a "SunMouse" type Program.
```

 Fred Fish PD-Serie. Disk N\textdegree{} 111.
Includes Source.

 Author : Davide P. Cervone.

## 1.145 id-handler

```
 ID-Handler    v1.0
 ------------------
```
 An AmigaDOS Device Dandler, that generates unique identifiers.
 Generates a new unique 16 digit decimal number each time it is opened
by an application.

 Fred Fish PD-Serie. Disk N\textdegree{} 87
Includes source.

 Author : Ed Puckett.

## 1.146 ip-handler

```
 IP-Handler
 ----------
```
 Support Handler for "PolySiliCon", which is a centralized Shell/CLI-
interface with visible scrollable History and mouse access.
 Allows multiple Shells to be controlled from a single command/history
Window.
 Commands can be re-executed with a Mouse click.
 A group of commands for a project may be loaded into the history from a

file for easy access.
 Compatible with both v1.3 and v2.0 AmigaDOS.

 Fred Fish PD-Serie. Disk N\textdegree{} 504.

 Author : Pete Goodeve.

## 1.147  ixpipe-handler

 IXPipe-Handler
 ----------------
 ????

## 1.148  janus.handler

 Janus.Handler
 ---------------
 ????

## 1.149  jm-handler

 JM-Handler
 ------------
 Support Handler for the "Job Manager" program.

 "Job Manager" is a utility which extends the 'AmigaDOS' multitasking
environment by providing features such as: allocation of CPU cycles in
any ratio to multiple CPU bound processes, default task priorities based
on task name, task logging, system uptime reports, task CPU use and
CPU % reports, task invocation times, and more.
 "Job Manager" has very little impact on the system itself.
 Requires AmigaDOS 2.04 or later.

 Fred Fish PD-Serie. Disk N\textdegree{} 647.

 Autor : Steve Koren.

## 1.150  keymacro-handler

                   KeyMacro-Handler
 ------------------
 Handler to connect the "KeyMacro" program with the
            Keyboard.device
             .

 "KeyMacro" is a keyboard macro program, configurable via a text file,
that also supports hotkey program execution.

   You can map up to eight functions to each key, including keys such as
cursor-keys, the return key, etc.

   Fred Fish PD-Serie. Disk N\textdegree{} 535.
Includes source in 'C' and 'Assembly' language.

   Author : Olaf 'Olsen' Barthel.

## 1.151  keymenu-handler

   KeyMenu-Handler   v1.0
   ----------------------
   An alternative to Intuitions method of menu selection via the keyboard.
   Uses one key to activate the menu for the currently active Window, the
cursor keys to move through the menu as you choose, and the return key
to select the desired menu item or escape key to abort selection.
   Works with AmigaDOS 2.0 mouse accelerator and has option to blank
Intuition's pointer.

   Fred Fish PD-Serie. Disk N\textdegree{} 528.
Includes 'Assembly' Source.

   Author : Ken Lowther.

## 1.152  kingcon-handler

                    KingCON-Handler   v1.3
   ------------------------
   Connect the
             Keyboard.device
             with "KingCON", which is a very powerful
and clever replacement for the new CON: under System 2.xx+, that's still
not good enough  (at least not compared to KingCON, which is great...
                                        I use it all the time...).

   Autor : David Larsson.

## 1.153  lh-handler

   Lh-Handler   v1.5
   -------------------
   This is a Program!!!!!!!  NOT a Handler!!!!!!!!

   The "Lh-Handler"-program is a program that supplies the "LhA"-archiver,
with a Graphic-User-Interface and can be started from 'CLI' as well as
WorkBench.

   SaarAG PD-Serie. Disk N\textdegree{} 483.

   Autor : Frank Fenn.

## 1.154 lockdevice-handler

```
 LockDevice-Handler
 ------------------
 Support Handler for the "LockDevice" package.
 This is a package to protect filing Devices from being accidentally
formatted.
 Can be used with any filing Device and FileSystem.

 Fred Fish PD-Serie. Disk N\textdegree{} 371.
Includes Source.

 Author : Olaf Barthel.
```

## 1.155 mdm-handler

```
 MDM-Handler
 -------------
 Support Handler for Supra ZI MODEMs.

 Can be found on the "AmiNet_0294" CDROM in ":Hard/Drivr/".
```

## 1.156 msclock-handler

```
 MSClock-Handler
 -----------------
 Support Handler for the "MSClock" utility.

 "MSClock" is a clock utility, which displays Memory, date, time and
online time (if connected to another computer via modem) in the titlebar
of the WorkBench screen.

 Fred Fish PD-Serie. Disk N\textdegree{} 484.

 Autor : Martin Steppler.
```

## 1.157 mouse-handler

```
 Mouse-Handler   v1.0
 ----------------------
 ????
```

## 1.158 my-handler

```
                    My-Handler
 ------------
 Support Handler for "CONMAN", which is an old replacement for the
standard console.
 It is no longer needed since DOS 2.xx+ now has all its functions as
standard.
 Has also now been replaced by the
              CONHandler
              .

 Fred Fish PD-Serie. Disk N\textdegree{} 90.

 Author : William Hawes.
```

## 1.159  mymenu-handler

```
                  MyMenu-Handler
 ----------------
 This program allows you to add your own menus to the WorkBench menu
strip, to run commonly used commands, just like
              ToolsDaemon-Handler
              .
 "MyMenu" will allow you to execute both CLI and WorkBench programs, and
is configured with a normal text file.

 Fred Fish PD-Serie. Disk N\textdegree{} 225.
Includes source.

 Author : Darin Johnson.
```

## 1.160  netdnet-handler

```
 NetDNet-Handler
 -----------------
 The Software Distillery's NetWork FileSystem Handler (NET:), using
Matt Dillon's "DNET" to mount one Amiga's Devices on another Amiga.
 Also serves as an example FileSystem Written entirely in 'Lattice C'.

 Fred Fish PD-Serie. Disk N\textdegree{} 248.
Includes Source.

 Author : Doug Walker.
```

## 1.161  netpnet-handler

```
 NetPNet-Handler
 ----------------
 Handler for "ParNET".
```

Fred Fish PD-Serie. Disk N\textdegree{} 400.

Author : Doug Walker.

## 1.162  newcon-handler

```
                 NewCON-Handler
    ----------------
 Handler to connect Shell under 'AmigaDOS' v1.3 with
             Keyboard.device
                and to connect Shell with 'AmigaDOS' itself.
 Only needed under 'AmigaDOS' v1.3 since NewCON: is replaced completely
with CON: with 'AmigaDOS' v2.xx+.
```

Part of System software 1.3.

Autor : Commodore Amiga.

## 1.163  nfs-handler

```
 NFS-Handler
 -------------
 Support Handler for "DNET".
```

Fred Fish PD-Serie. Disk N\textdegree{} 294.

Author : Matt Dillon.

## 1.164  nl-handler

```
 NL-Handler
 ------------
 NewLook-Handler.
```

 Handler used by "NL-Daemon" to replace the old WB1.3 Gadget images,
with better looking "NL-Daemon" counterparts.
 "NL-Daemon" implements the New Look even for programs that were not
designed to take advantage of it.

 This system is no longer needed with the improved looks of WB2.xx+.

 Fred Fish PD-Serie. Disk N\textdegree{} 497.

 Autor : Davide P. Cervone.

## 1.165  null-handler

```
 NULL-Handler   v0.0
 --------------------
 Handles the PD replacement for NIL: called NULL:

 Fred Fish PD-Serie. Disk N\textdegree{} 188.

 Autor : Gunnar Nordmark.
```

## 1.166  path-handler

```
 Path-Handler
 --------------
 A Handler that allows you to selectively control or assign your
 system's search path using script-files.
 An interesting concept in path-searching.

 Fred Fish PD-Serie. Disk N\textdegree{} 177.
 Includes Source.

 Author : Rico Mariani.
```

## 1.167  pipe-handler

```
                 PIPE-Handler
 --------------
 Handler for the PIPE: unit which allows two tasks to exchange data.
 PIPE: needs to mounted.
 Under 'AmigaDOS' v2.xx+ this Handler no longer exsists because its job
 has been taken over by the new
              Queue-Handler
              .

 Part of the System software v1.3.

 Autor : Commodore Amiga.
```

## 1.168  plt-handler

```
 PLT-Handler
 -------------
 This is an HPGL Interpreter which prints the result to any preference
 Printer.

 Fred Fish PD-Serie. Disk N\textdegree{} 918, where it is in the "MultiPlot"- ←
    Drawer.
```

## 1.169   port-handler

```
 Port-Handler   v40.1
 ---------------------
 Handles the 'AmigaDOS' communication with the world outside it, though
its ports.

 Part of the System software.

 Autor : Commodore Amiga.
```

## 1.170   powersnap-handler

```
                   PowerSnap-Handler   v37.520
 -----------------------------
 Connect the "PowerSnap"-commodity with
            Keyboard.device
            and CON:

 "PowerSnap" is a utility that allows you to use the mouse to mark
characters anywhere on the screen, and then paste them somewhere else,
such as in another CLI or in a string gadget.
 Checks what Font is used in the window you snap from and will look for
the position of the characters automatically.
 Recognizes all non-proportional fonts of up to 24 pixels wide and of
any height.
 Works with AmigaDOS 2.0 in both Shell and WorkBench environments.

 Fred Fish PD-Serie. Disk N\textdegree{} 968.

 Autor : Nico Francois. (Yes, Nico is his first name)
```

## 1.171   print-handler

```
 Print-Handler
 ---------------
 A custom PRT: Driver, which offers easy single sheet support as well as
limited data spooling.

 Fred Fish PD-Serie. Disk N\textdegree{} 352.
Includes Source in 'C'.

 Author : Olaf Barthel.
```

## 1.172   privilege-handler

```
 Privilege-Handler
 ------------------
 A privilege violation Handler for the 68010 CPU.
```

```
    Survives a reboot so you can use it with copy protected programs, that
run from boot.

    Fred Fish PD-Serie. Disk N\textdegree{} 230.
Includes source in 'Assembly' code.

    Author : John Veldthuis.
```

## 1.173   prospool-handler

```
 ProSpool-Handler   v1.0
-------------------------
????

Author : Eyo Sama.
```

## 1.174   queue-handler

```
                 Queue-Handler   v37.12
------------------------
The new replacement for the old
            PIPE-Handler
            from AmigaDOS v1.3.
This handler also handles some other jobs as well.

Part of the System software v2.xx+.

Autor : Commodore Amiga.
```

## 1.175   ram-handler

```
              RAM-Handler
-------------
Connect 'AmigaDOS' with
            RAMDrive.device
             .
Also used for some other purposes.

Part of the System software.

Autor : Commodore Amiga.
```

## 1.176   rcon-handler

```
 RCON-Handler   v1.4
---------------------
 A replacement for the CON: of Amiga-OS 2.x / 3.x.
```

   Has many new features including scrolling back text which has
disappeared, enhanced copy & paste support, window iconification,
output logging, print window contents, and much more.

   Fred Fish PD-Serie. Disk N\textdegree{} 972.

   Author : Gerhard Radatz.


## 1.177  rfp-handler

                      RFP-Handler   v1.0
   --------------------
   RFP-Handler provide  character  access  to  block  devices.

   RFP-Handler provides an interface between the Amiga
             DOS.library
             and a

             TrackDisk.device
            -type block devices.
   The Handler provides a Device interface similar to the /Dev/RFP0 type
Device interfaces commonly found on UNIX systems.
   It supports reading, writing and seeking.

   SaarAG PD-Serie. Disk N\textdegree{} 579.

   Autor : Anders Hammarquist.


## 1.178  sd-aux-handler

    SD-AUX-Handler   v1.5
   -----------------------
   ????

   Can be found on the "AmiNet_0294" CDROM in ":COMM/Misc/".

   Author : Steve Drew.


## 1.179  speak-handler

                      Speak-Handler   v37.4
   -----------------------
   Handler that connects AmigaDOS and
             Narrator.device
             for SPEAK: unit.

   Part of the System software.

   Autor : Commodore Amiga.

## 1.180   spool-handler

```
 Spool-Handler
 ---------------
 A DOS Handler, that implement a Print Spooling System.
 Like PRT:, this DOS Handler waits for stuff to be sent to it to be
printed.

 Fred Fish PD-Serie. Disk N\textdegree{} 216.

 Author : Daniel Barrens.
```

## 1.181   swindows-handler

```
 SWindows-Handler
 ------------------
 A Handler, that allows you to use the title of a Window to specify the
Screen on which the Window will appear.
 This provides a method of opening CON: and RAW: Windows on Screens
other than the WorkBench, for example.

 Fred Fish PD-Serie. Disk N\textdegree{} 500.
Includes Source.

 Author : Davide P. Cervone.
```

## 1.182   tape-handler

```
 Tape-Handler
 --------------
 A SCSI-Direct Tape Handler that implements fully asynchronous double-
buffered Read and Write operations.
 If you have Disk/Tape drives which support reselection, then the
Handler will be able to operate on the Tape concurrently with Disk
accesses, meaning that an archiver, such as "TAR", will not freeze
while Tape operations are in progress.

Fred Fish PD-Serie. Disk N\textdegree{} 791.

Autor : Matthew Dillon.
```

## 1.183   textplus-handler

```
 TextPlus-Handler
 ------------------
 Support Handler for the "TextPlus" frontend word processor.

 Fred Fish PD-Serie. Disk N\textdegree{} 700.

 Autor : Martin Steppler.
```

## 1.184   toolsdaemon-handler

```
  ToolsDaemon-Handler   v37.275
  -----------------------------
```
 Support Handler for the "ToolsDaemon" utility.

 "ToolsDaemon" allows you to create your own Pull-Down-Menus on the
WorkBench screen.

 Fred Fish PD-Serie.

 Autor : Nico Francois. (Yes, Nico is his first name)

## 1.185   unixdirs-handler

```
                 UNIXDIRs-Handler
  ------------------
```
 A Handler which intercepts calls to
            DOS.library
            to add the UNIX-
style '.' and '..' syntax for current and parent directories,
respectively, to file and path names.
 I.E., you can refer to files in the current Directory as './foo' and
files in the parent Directory as '../foo', or any combination of the
two.

 Fred Fish PD-Serie. Disk N\textdegree{} 321.
Includes Source in 'Assembly'.

 Author : Murray Bennett and Mark Cyster.

## 1.186   vscreen-handler

```
  VScreen-Handler
  ------------------
```
 Allows you to have screens that are larger than the actual display area
of your monitor.
 These larger "virtual screens" scroll when you move the mouse off the
edge of the visible section of the screen.
 Currently does not work under AmigaDOS v2.0, but this feature is
already built-in AmigaDOS v2.0, so it dosn't matter.

 Fred Fish PD-Serie. Disk N\textdegree{} 494.
Includes Source.

 Author : Davide P. Cervone.

## 1.187   wbstart-handler

```
 WBStart-Handler   v1.4
 ------------------------
```

 "WBStart" is a package to emulate the WorkBench startup procedure, by
loading a program, creating a process for it, and then sending it a WB
startup message.

 This is the Handler, which does the starting of the processes for you
and then waits for the startup reply messages.

 Fred Fish PD-Serie. Disk N\textdegree{} 896.

 Autor : Stefan Becker.


## 1.188  wkeys-handler

```
 WKeys-Handler
 ---------------
```
 Support Handler for "WKeys", a "hot-keys" Program that binds Keyboard
function keys to window manipulation functions (window activation,
front to back, moving screens, etc).

 Fred Fish PD-Serie. Disk N\textdegree{} 128.
Includes Source.

 Author : Davide P. Cervone.


## 1.189  xfh-handler

```
 XFH-Handler   v1.34
 --------------------
```
 "XFH", when used with "XPK", makes it possible to store data in
compressed format without this being visible to the user or to
application programs - "XFH" will make the compressed data appear
like ordinary files.

 "XFH" is implemented as an 'AmigaDOS' Device Handler.
 Like other Handlers, "XFH" must be mounted before it can be used.
 Unlike most other 'normal' Device Handlers, "XFH" needs additional
information to function correctly.
 "XFH" provides 'options' which provide much more flexibility and which
MUST be used if the Handler is to compress files automatically as they
are written by applications.

 Fred Fish PD-Serie. Disk N\textdegree{} 754.

 Autors : Kristian Nielsen & Matthias Scheler.


## 1.190  xpk-handler

```
                    XPK-Handler   v1.0
   -------------------
  The XPK-Handler is yet another Handler that, when used with "XPK",
 makes it possible to store data in compressed format without this being
 visible to the user or to application programs.

  This one work very much like the
             XFH-Handler
           , and is also based on
 that Handler.

  Which one of the Handlers to choose is just a matter of taste!

  SaarAG PD-Serie. Disk N\textdegree{} 488.

  Autor : Torsten Jürgeleit.
```

## 1.191  zoom-handler

```
  Zoom-Handler
  --------------
  Adds a 'Zoom' Gadget to every Window that can be resized.
  Pressing this Gadget makes the Window as large as possible or as small
 as possible, or brings it back to its normal size.
  This feature is already built-in AmigaDOS v2.0, so this Handler is only
 usefull on earlier DOS-versions.

  Fred Fish PD-Serie. Disk N\textdegree{} 498.
 Include Source.

  Author : Davide P. Cervone.
```

## 1.192  6581sid.library

```
  6581SID.library   v1.1
  -----------------------
  ???? (Maybe to do with sound).
```

## 1.193  68040.library

```
  68040.library   v37.30
  -----------------------
  This Library does some 68040-specific things.
  The most important is the Emulation of the FloatingPoint-Processor.
  The 68040 recognizes some instructions, such as the FMUL and CPUSH,
 which do not cause execeptions.
  There are some instructions, that the 68040 recognizes as valid
 68881/68882 Floating-Point instructions, but as Floating-Point
 instructions, that the Processor cannot complete in HardWare, and
```

```
therefore cause an un-implemented instruction exeception.
  The instructions: FACOS     FASIN    FATAN    FATANH   FCOS     FCOSH
                    FETOX     FETOXM1  FGETEXP  FGETMAN  FINT     FWOTOX
                    FINTRZ    FLOG10   FLOGN    FLOGNP1  FMOVECR  FSIN
                    FSINCOS   FSINH    FTAN     FTANH    FTENTOX  FMOD
                    FREM      FSCALE
```

The 68040.library emulates these instructions.
This Library makes no sense for users, which don't have a 68040.

The code was developed by Motorola.


## 1.194  accounts.library

```
 Accounts.library   v37.5
 --------------------------
```
Support Library for Commodore's new peer-to-peer Amiga networking
package "Envoy".

Author : Commodore Amiga.


## 1.195  adpro.library

```
 ADPro.library   v3.23
 -----------------------
```
Support Library for "Art Department Professional".


## 1.196  aedoor.library

```
 AEDoor.library   v2.2
 ----------------------
```
 ????


## 1.197  ak_gen0.library

```
 AK_Gen0.library   v36.52
 --------------------------
```
 A programmers Library for all the standard Intuition handling of Menus,
Windows, Screens, Gadgets, Images, etc, etc, etc...

 Taifun PD-Serie. Disk N\textdegree{} 228.

 Author : Andreas Ralph Kleinert.

## 1.198   amigaguide.library

```
 AmigaGuide.library   v40.4
----------------------------
```
 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{}  ↩
   920.
 But why bother, if you are reading this, you already have the
Library, just check the version number :-)

 Author : Commodore Amiga.


## 1.199   amos.library

```
 AMOS.library   v2.00
---------------------
```
 Support Library for 'AMOS' ????


## 1.200   analyser.library

```
 Analyser.library   v2.0
--------------------------
```
 ????


## 1.201   arp.library

```
 ARP.library   v40.2
--------------------
```
 '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.

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

## 1.202 asdg-gpib.library

```
 ASDG-GPIB.library   v21.3
--------------------------
 ????
```

## 1.203 asdg-low-mem.library

```
 ASDG-Low-Mem.library   v0.0
----------------------------
 This Library is a low memory server, which is a compact shared Library
which allows arbitrary processes to register their desire to be notified
of impending memory shortages.
 This allows good citizen programs to free up memory that they may not
need, so other programs can use it.

 Fred Fish PD-Serie. Disk N\textdegree{} 85.

 Author : Perry Kivolowitz.
```

## 1.204 asimphoto.library

```
 AsimPhoto.library   v1.1
--------------------------
 Support Library for the Kodak PhotoCD images Reader & converter Program
called "AsimPhoto" supplied with the CDROM FileSystem called "AsimCDFS".

 Author : Paul Reeves.
```

## 1.205 asl.library

```
 ASL.library   v40.6
---------------------
 File and font requesters.

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

 Author : Commodere Amiga.
```

## 1.206 apig.library

```
                APIG.library   v3.3
---------------------
 'ARexx' Programmers Intuition Graphics Library.

 APIG is an 'ARexx' external function Library similar to the
```

```
             RexxARPlib.library
           . APIG.library provides the 'ARexx' programmer with
access to most of the resident
             Graphics.library
           ,
            Intuition.library
              and
             Layers.library
           .
 Allows you to create custom Screens/Windows, Gaddets, Requesters,
IntuiText, Borders, etc.

 Fred Fish PD-Serie. Disk N\textdegree{} 634.

 Author : Ronnie E. Kelly.
```

## 1.207  aspig.library

```
 ASPIG.library   v1.1
 ----------------------
 ????
```

## 1.208  atari.library

```
 Atari.library   v1.0
 ----------------------
 ????
```

## 1.209  avdb.library

```
 AVDB.library   v2.2
 ---------------------
 ????

 Can be found in "LIBS" on the "Games3" CDROM.
```

## 1.210  avtextgad.library

```
 AVTextGad.library   v1.1
 --------------------------
 ????

 Can be found in "LIBS" on the "Games3" CDROM.
```

## 1.211 axtools.library

```
 AxTools.library   v2.7
------------------------
 ????
```

## 1.212 bas_runtime.library

```
 Bas_Runtime.library   v2.8
----------------------------
```
 This is a runtime Library which is used by a program called "Cursor",
which is a compiler for 'AmigaBASIC'.

 Fred Fish PD-Serie. Disk N\textdegree{} 347.

 Author : Jürgen Forster.

## 1.213 bootblock.library

```
 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. Disk N\textdegree{} 919.

 Author : Johan Eliasson.

## 1.214 boxer.library

```
 Boxer.library
---------------
 ????
```

## 1.215 bullet.library

```
 Bullet.library   v38.9
------------------------
```
 Bullet/Outline font routines.

## 1.216 cachemap.library

```
 CacheMap.library   v34.5
--------------------------
```
 Support Library for the "FinalWriter" Word Processing Program.

## 1.217  camd.library

```
 CamD.library   v37.14
 ----------------------
 ????
```

## 1.218  cando.library

```
 CanDo.library
 ---------------
 Support Library for the "CanDo" MultiMedia Package.

 Comes with "CanDo".
 Can be found on the "Games3"-CDROM in "Games3:PD/DIY_Game/Libs/".
```

## 1.219  cclib.library

```
 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.

 Author : Robert W. Albrecht.
```

## 1.220  cia.library

```
 CIA.library   v39.1
 ---------------------
 Routines for allocating the CIA Devices.

 Part of the System SoftWare.

 Author : Commodore Amiga.
```

## 1.221  clist.library

```
 CList.library
 ---------------
 Routines for working with character-lists.

 Author : Commodore Amiga.
```

## 1.222   cnet.library

```
 CNET.library   v1.0
 --------------------
 ????
```

## 1.223   color.library

```
 Color.library   v1.0
 ---------------------
 "ColorTool" Library.

 Author : Dissidents SoftWare.
```

## 1.224   commodities.library

```
 Commodities.library   v40.2
 ---------------------------
 All programs which act as a Commodity, including the "Exchange"-
program, use this library.
 This Library was developed by the need of a better Input-event
management.
 Commodities can wait in the background without using one cycle of
processor-time, and can be waked up by pressing a specific Hot-Key.

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

 Author : Commodore Amiga.
```

## 1.225   con.library

```
 Con.library   v2.0
 ------------------
 A run time reentrant Library, developed with the purpose of makeing
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.

 Author : Bjørn Reese.
```

## 1.226   conhandler.library

```
 ConHandler.library   v36.17
 ---------------------------
 Support Library for "CONMAN", which is an old replacement for the
standard console.
 It is no longer needed since DOS 2.xx+ now has all its functions as
standard.

 Fred Fish PD-Serie. Disk N\textdegree{} 426.

 Author : William Hawes.
```

## 1.227   console.library

```
 Console.library
 -----------------
 Contains graphic-routines for text-output to console-windows.

 Author : Commodore Amiga.
```

## 1.228   crm.library

```
 CrM.library   v4.1
 --------------------
 Crunch-Mania Interface for Library decrunching Executables
and Data Files.

 Author : Thomas Schwarz.
```

## 1.229   das.library

```
               DAS.library   v9.1
 --------------------
 Support Library for the music modules player called "DASModPlayer".

 Makes use of Sub-Libraries in the form
           DAS<protocol>.library
           to work.

 Author : Pauli Porkka.
```

## 1.230   das<protocol>.library

```
 DAS<protocol.library
 ----------------------
 These are the Sub-Libraries for the music module player "DASModPlayer".

     dasDSS0.library   v1.11   GVP Digital Sound Studio Modules.
```

```
        dasFC13.library   v0.3    FutureComposer v1.0 -> v1.3 Modules.
        dasFC14.library   v0.3    FutureComposer v1.4 Modules.
        dasMMD0.library   v2.5    (Octa)Med 4/8 Modules.
        dasQC20.library   v2.1    QuadraComposer v2.0 EMOD Modules.
        dasS3M0.library   v2.17   ScreamTracker III Modules.


   Authors: Pauli Porkka, Teijo Kinnunen, Bo Lincoln,
            Calle Englund and Jarno Paanaen.
```

## 1.231  datatypes.library

```
 DataTypes.library   v40.6
 ---------------------------
 This is the support for the Datatypes-system under AmigaDOS v3.0.
 I'm only running AmigaDOS v2.1, so thats all I can tell you.
```

## 1.232  dctv.library

```
 DCTV.library   v3.48
 ----------------------
 Library for special system functions in the DCTV-Amiga-System.

 While the program is Copyrighted and Non-Distributable, the Library is
fully distributable.
 This Library is actually used by some standalone programs independent
of the DCTV unit to convert files between various formats.
 Thus can be found on some PD-Disks.
```

## 1.233  dctv_r3d.library

```
 DCTV_R3D.library   v40.0
 --------------------------
 Library to link "Real3D-v2" with "DCTV.

 Comes with "Real3D-v2".

 Author : RealSoft.
```

## 1.234  debox.library

```
 DeBox.library   v1.7
 ----------------------
 ????

 Authors: William A. Ware & R. K. Von Wolfsheils.
```

## 1.235   debug.library

```
                Debug.library   v1.0
---------------------
```
Support Library for an external Utility called "Debug" included in the

            MultiUserFileSystem
            package.

Author: Norbert Puschel.


## 1.236   decrunch.library

```
                DeCrunch.library   v35.237
----------------------------
```
Decrunch routines.

The functions of this Library has now been taken over completely be the

            XFD.library
            , making this Library obsolete.


## 1.237   destracker.library

```
 DesTracker.library   v1.4
----------------------------
```
A Library for playing Music Modules.

SaarAG PD-Serie. Disk N\textdegree{} 488.

Author : Darren Schebek.


## 1.238   dicecache.library

```
 DICECache.library   v3.58
----------------------------
```
 A File caching Library which can automatically be used by Programs
compiled using "DICE v3.0".

 Supplied with "DICE v3.0".


## 1.239   digitafont.library

```
 DigitaFont.library   v1.0
----------------------------
```
Support Library for the "WordWorth" Word Processing Program.

Comes with "WordWorth".

Author : DigitaSoft.


## 1.240   digitaintellifont.library

```
 DigitaIntelliFont.library   v1.0
----------------------------------
```
Support Library for the "WordWorth" Word Processing Program.

Comes with "WordWorth".

Author : DigitaSoft.


## 1.241   digitapostscript.library

```
 DigitaPostScript.library   v1.0
---------------------------------
```
Support Library for the "WordWorth" Word Processing Program.

Comes with "WordWorth".

Author : DigitaSoft.


## 1.242   digitatruetype.library

```
 DigitaTrueType.library   v1.0
-------------------------------
```
Support Library for the "WordWorth" Word Processing Program.

Comes with "WordWorth".

Author : DigitaSoft.


## 1.243   dg<xxxxxxxx>.library

```
 DG<xxxxxxxx>.library
---------------------
```
A serie of Libraries with unknown purpose.

Can be found on the "Pandoras CD" from Optonica Ltd.

Author : Optonica Ltd.

## 1.244   dialog.library

```
 Dialog.library    v1.0
----------------------
Shared Library for automatically LayOuted dialog boxes in 'C'.

SaarAG PD-Serie. Disk N\textdegree{} 551.

Author : Stefan Reisner.
```

## 1.245   digisoftsupport.library

```
 DigiSoftSupport.library
-------------------------
Support Library for Digisoft products, such as "Macro68".
```

## 1.246   din.library

```
 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.

 Author : Jorrit Tyberghein.
```

## 1.247   dis.library

```
 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'.

 Author : Chris Gray.
```

## 1.248   disassemble.library

```
 Disassemble.library
 --------------------
 68000 disassembler routines.

 AmigaLibDisk.
```

## 1.249   dised.library

```
 Dised.library   v0.0
 ---------------------
 Editor functions.

 Author : Dissidents Software.
```

## 1.250   diskcode.library

```
 DiskCode.library   v4.1
 ------------------------
 ????
```

## 1.251   diskcontroller.library

```
 DiskController.library   v38.004
 ---------------------------------
  ????
```

## 1.252   diskfont.library

```
 DiskFont.library   v39.3
 -------------------------
 Handles font files.
 Earlier versions do not support CG fonts.

 Part of the System software.

 Author : Commodore Amiga.
```

## 1.253   dopus.library

```
 DOpus.library   v22.6
 ----------------------
 "DirectoryOpus" main Library.

 Comes with "DirectoryOpus".

 Author : Jonathan Potter.
```

## 1.254   dorex.library

```
 DOrex.library   v1.5
---------------------
```
"DirectoryOpus" 'ARexx' support Library.

Comes with "DirectoryOpus".

Author : Jonathan Potter.

## 1.255   dos.library

```
 DOS.library   v39.23
---------------------
```
Routines for managing data streams.

Part of the System software.

Author : Commodore Amiga.

## 1.256   downloader.library

```
 DownLoader.library   v3.1
--------------------------
```
 Support Library for the "FinalWriter" Word Processing Program.

## 1.257   dres.library

```
 DRes.library   v1.4
--------------------
```
 Support Run-Time Library with lots of functions, including a generic
parser and IPC.

 Fred Fish PD-Serie. Disk N\textdegree{} 169.

 Author : Matt Dillon.

## 1.258   ds.library

```
 DS.library   v1.0
-------------------
```
 ????

## 1.259  duplexfont.library

```
 DuplexFont.library   v1.0
 -------------------------
 Scaleable font for "VLT".

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

## 1.260  dynamic.library

```
 Dynamic.library   v36.1
 -----------------------
 A shared Library which provides dynamic object linking and loading.
 When a program requests a variable or procedural symbol the Library
will dynamically load the appropriate object module into memory.
 Furthermore, the Library will load any additional object modules
required for the requested one to function, thereby providing a linking
capability.
```

## 1.261  egs<xxxxxxxx>.library

```
                     EGS<xxxxxxxx>.library
 -----------------------
 This is some of the retargetable graphics system Libraries.
 The rest of them come in the form
           GB<xxxxxxxx>.library
            .
 These and the others are the Libraries for ECS and AGA equipped Amigas.
 The idea is that if a program is written using these Libraries, the
display can be changed to another more modern/faster/larger display unit
and any program that uses the Libraries will immediately take advantage
of the new board, just by using the Library, instead of being rewritten.
 There are Libraries for the GVP EGS Card, the Picasso Card and the
Rainbow III Card.
 Version numbers are:
   EGS.library         v2.081        EGSIntui.library     v4.169
   EGSBlit.library     v2.039        EGSLayers.library    v3.019
   EGSGadBox.library   v3.023        EGSRequest.library   v2.028
   EGSGFX.library      v2.089
 These are all from the demo version, so actual version numbers may be
different.

 The Libraries can be found on the AmiNET CD-ROM in AmiNET/Dev/Misc/ and
the file is EGSLIBS.LHA.
```

## 1.262  empire.library

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

Shared portion of the game "Empire".

Fred Fish PD-Serie. Disk N\textdegree{} 357.

Authors: Chris Gray, David Wright and Peter Langston.


## 1.263  envoy.library

```
 Envoy.library   v37.15
-----------------------
```
Support Library for Commodore's new peer-to-peer Amiga networking
package "Envoy".

Author : Commodore Amiga.


## 1.264  epu0.library

```
                  EPU0.library   v1.1
---------------------
```
This Library along with
              EPU1.library
              are compression Libraries, which
are used by "EPU" to provide compression.

"EPU" is a Program like "Stacker" or "XPK" that allows applications to
access compressed data from AmigaDOS Devices without knowing that the
data is compressed, and automatically compresses new data.
 The file size is not limited by memory and the settings of the Handlers
can be changed at any time.

"EPU" also need the
              EPU<x>.Handlers
              and the
              Lh.library
              to work.

Fred Fish PD-Serie. Disk N\textdegree{} 858.

Author : Jaroslav Mechacek.


## 1.265  epu1.library

```
                  EPU1.library   v1.1
---------------------
```
This Library along with
              EPU0.library
              are compression Libraries, which
are used by "EPU" to provide compression.

"EPU" is a Program like "Stacker" or "XPK" that allows applications to

access compressed data from AmigaDOS Devices without knowing that the
data is compressed, and automatically compresses new data.
 The file size is not limited by memory and the settings of the Handlers
can be changed at any time.

 "EPU" also need the
             EPU<x>.Handlers
             and the
             Lh.library
             to work.

Fred Fish PD-Serie. Disk N\textdegree{} 858.

Author : Jaroslav Mechacek.


## 1.266  exec.library

 Exec.library   v39.47
 -----------------------
Routines to manage the System resources.

Part of the System software.

Author : Commodore Amiga.


## 1.267  expansion.library

 Expansion.library   v39.7
 ----------------------------
Routines for handling expansion slots.

Part of the System software.

Author : Commodore Amiga.


## 1.268  explode.library

 Explode.library   v6.1
 ------------------------
Decrunch routines for the "Imploder".

Fred Fish PD-Serie.

Authors: Peter Struijk and Albert J. Brouwer.


## 1.269  extend.library

```
 Extend.library   v1.41
-----------------------
Inlay-Maker ????
```

## 1.270  fastcall.library

```
 FastCall.library   v2.3
-------------------------
Modem communication support Library.

Authors: M.Brückner & Ebsche.
```

## 1.271  fastcall2.library

```
                 FastCall2.library    v2.3
--------------------------
????

Seems to be a renamed clone of the
         FastCall.library
             Authors: M.Brückner & Ebsche.
```

## 1.272  fastscan.library

```
 FastScan.library   v1.105
--------------------------
This Library is used by a "LS" and/or "DIR" clone called "DR" to
increase the scan speed.

Author : Paul Kienitz.
```

## 1.273  fcbbs.library

```
 FCBBS.library   v2.2
----------------------
BBS support Library.

Author : M.Brückner.
```

## 1.274  fifo.library

```
   FIFO.library   v37.4
 ----------------------
 FIFO.library is a general FIFO Library implementation with the
following features:

        - Named FIFOs.
        - Support for writing to a FIFO from a HardWare exception.
        - Multiple readers on a FIFO supported, each get the same data
           stream.
        - Efficient reading (no buffer copies on read).
        - Automatic or manual (via message passing) flow control.

 The uses for this library are limitless.
 Also part of "UUCP".

 Fred Fish PD-Serie. Disk N\textdegree{} 588.

 Author : Matt Dillon.
```

## 1.275 fileid.library

```
   FileID.library   v5.1
 ----------------------
 A shared Library for identifying Files by checking it's contents.
```

## 1.276 flam.library

```
 Flam.library   v1.0
 ---------------------
 ????
```

## 1.277 flow.library

```
 Flow.library
 -------------
 ????

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

## 1.278 fontengine.library

```
 FontEngine.library   v0.5
 ---------------------------
 ????
```

## 1.279   fpu.library

```
 FPU.library
 -------------
Support library for FPU's.

Author : Perry S. Kivolowitz.
```

## 1.280   future.library

```
 Future.library   v1.0
 -----------------------
Used by Futuresound audio digitizer.

Can be found in "LIBS" on the "Games3" CDROM.
```

## 1.281   fwarexx.library

```
 FWARexx.library   v3.0
 -----------------------
 Support Library for the "FinalWriter" Word Processing Program.

 Linking "FinalWriter" with 'ARexx'.
```

## 1.282   fwfiltertype.library

```
 FWFilterType.library   v3.0
 ---------------------------
 Support Library for the "FinalWriter" Word Processing Program.
```

## 1.283   fwpenpal.library

```
 FWPenPal.library   v3.0
 -------------------------
Support Library for the "FinalWriter" Word Processing Program.

Linking "FinalWriter" with "PenPal".
```

## 1.284   fwprowrite.library

```
 FWProWrite.library   v3.0
 ---------------------------
Support Library for the "FinalWriter" Word Processing Program.

Linking "FinalWriter" with "ProWrite".
```

## 1.285  fwwordperfect.library

```
 FWWordPerfect.library   v3.0
-----------------------------
Support Library for the "FinalWriter" Word Processing Program.

Linking "FinalWriter" with "WordPerfect".
```

## 1.286  fye.library

```
 Fye.library   v37.313
-----------------------
????
```

## 1.287  gadget.library

```
 Gadget.library   v38.9
------------------------
????
```

## 1.288  gadlib.library

```
 GadLib.library
----------------
????

Author : Anthony (who ????).
```

## 1.289  gadoutline.library

```
 GadOutLine.library   v2.0
---------------------------
 A shared Library intended to provide programmers with a means of
describing the general layout of a GUI in a font-independant manner,
taking care of the details of determining the exact placement of the
individual elements of the display and the drudgery of creating and
managing all of the gadgets.
 In addition, it provides a very generalized mechanism for tracking the
state of all of its gadgets to support automatic resizing and closing
and opening of a window without loss of context.
 Includes automatic hotkey support and a vector based drawing module,
that can be used for everything from drawing frames around groups of
gadgets to creating custom images for BOOPSI-gadgets.

 Fred Fish PD-Serie. Disk N\textdegree{} 911.
Includes the Library, programmer support files and some examples.

 Author:  Dianne Hackborn.
```

## 1.290  gadtools.library

```
 GadTools.library   v39.356
 ---------------------------
 Simplified gadget and menu routines.

 Part of the system software version 2.xx+.

 Author : Commodore Amiga.
```

## 1.291  gadtools13.library

```
 GadTools13.library   v34.13
 ---------------------------
 ????
```

## 1.292  gadtoolsbox.library

```
 GadToolsBox.library   v39.3
 ---------------------------
 Support library for the "GadToolsBox"-program.

 Fred Fish PD-Serie. Disk N\textdegree{} 842.

 Author : Jan van den Baard.
```

## 1.293  garbagecollector.library

```
 GarbageCollector.library   v3.0
 -------------------------------
 ????

 Author : Fridtjof Siebert.
```

## 1.294  gb<xxxxxxxx>.library

```
                GB<xxxxxxxx>.library
 ----------------------
 This is some of the retargetable graphics system Libraries.
 The rest of them come in the form
           EGS<xxxxxxxx>.library
              .
 These and the others are the Libraries for ECS and AGA equipped Amigas.
 The idea is that if a program is written using these Libraries, the
 display can be changed to another more modern/faster/larger display unit
 and any program that uses the Libraries will immediately take advantage
 of the new board, just by using the Library, instead of being rewritten.
```

```
   There are Libraries for the GVP EGS Card, the Picasso Card and the
Rainbow III Card.
 Version numbers are:
    GBMenuSelect.library   v2.033      GBSets.library          v2.007
    GBRadio.library        v2.017      GBTextInfo.library      v2.008
    GBScrollBox.library    v2.018      GBTwoDimProp.library    v1.001
    GBSelect.library       v2.043
 These are all from the demo version, so actual version numbers may be
different.

   The Libraries can be found on the AmiNET CD-ROM in AmiNET/Dev/Misc/ and
the file is EGSLIBS.LHA.
```

## 1.295  gdarexxsupport.library

```
 GDARexxSupport.library   v1.0
-------------------------------
```
Support Library for "GoldDisk".

Linking "GoldDisk" with 'ARexx'.

## 1.296  golddisk.library

```
 GoldDisk.library   v1.0
-------------------------
```
Main Library for "GoldDisk".

## 1.297  graphics.library

```
 Graphics.library   v39.90
---------------------------
```
Graphic routines.

Part of the System software.

Author : Commodore Amiga.

## 1.298  gwin.library

```
 GWin.library   v2.0
---------------------
```
 GWIN or Graphics WINdow is an integrated collection of graphics
routines callable fron 'C'.
 These routines make it easy to create sophisticated graphics programs
in the 'C' enviroment.
 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.

 Author : Howard C. Anderson.


## 1.299  hame.library

```
 HAME.library   v5.1
---------------------
```
 ????

 Author : Pete Patterson.


## 1.300  hardblocks.library

```
 HardBlocks.library   v1.2
---------------------------
```
 A shared Library with support routines
for Commodore's HardBlock standard.

 Fred Fish PD-Serie. Disk N\textdegree{} 708.
Includes source.

 Author: Torsten Jürgeleit.


## 1.301  hdmem.library

```
 HDMem.library   v2.0
---------------------
```
 Support Library for the "HDMem" program, which allows the use of a
HardDisk as virtuel memory.

 Fred Fish PD-Serie. Disk N\textdegree{} 740.

 Author : Stefan Rompf.


## 1.302  hisoftbasic.library

```
 HiSoftBASIC.library   v1.04
-----------------------------
```
 Library for 'HiSoftBASIC'.

## 1.303   hotlinks.library

```
 HotLinks.library
------------------
 ????
```

## 1.304   hr_r3d.library

```
 Hr_R3D.library   40.0
----------------------
```
Library to link "Real3D-v2" with the "Harlequin" GFX Board.

Comes with "Real3D-v2".

Author : RealSoft.

## 1.305   ias.library

```
 IAs.library
-------------
```
Fixed-point arithmetic routines.

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

## 1.306   icon.library

```
 Icon.library   v39.3
----------------------
```
Routines for manipulating Icons.

Part of the System software.

Author : Commodore Amiga.

## 1.307   iff.library

```
 IFF.library   v23.2
---------------------
```
 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 there is a

```
version 22.3 floating around too. I don't know how to get version 23.2 or
version 22.3, but if you want the version 22.3 you can get it from
Fred Fish Disk N\textdegree{} 769, where it follows the program "ALook"
                                                          by Trevor Andrews.
```

  Author : Christian A. Weber.


## 1.308  iffparse.library

```
 IFFParse.library   v40.1
 -------------------------
 Modules to parse IFF files.
```

 Part of the System software 2.xx+.

 Author : Commodore Amiga.


## 1.309  iffpp.library

```
 IFFPP.library   v100.3
 ------------------------
 ????
```

 Author : Christian A. Weber.


## 1.310  ilbm.library

```
 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.

 Author : Jeff Glatt, Dissidents Software.


## 1.311  inet.library

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

 Author : Commodore Amiga.

## 1.312 info.library

```
 Info.library   v3.0
 --------------------
 Used by Info/Information menu from Workbench.

 Part of the System software.

 Author : Commodore Amiga.
```

## 1.313 inovamusic.library

```
 InovaMusic.library   v3.1
 -------------------------
 Music module playing Library.
 Seems to support "PowerPacker" packed files.

 Supplied with "DirectoryOpus".

 Author : Carl W. Moore.
```

## 1.314 inovatools1.library

```
 InovaTools1.library   v3.1
 --------------------------
 Came with "PowerWindows2.5".

 Author : Todor Fay.
```

## 1.315 instype.library

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

## 1.316 intuisup.library

```
                  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.

 Author : Torsten Jurgeleit.
```

There are also a Library called
                ISup.library
               , but this Library is a
copied version of the IntuiSup.library. In the documentation the
InutiSup.library is often called
                ISup.library
               , so someone must have
got messed up with the names and renamed it accidentally.


## 1.317  intuisupport.library

  IntuiSupport.library   v1.1
  -----------------------------
 This Library follows a program called "PhoneList" by Michael Hoffmann
on Fred Fish Disk N\textdegree{} 862, but what it can/does and where to get the ←
    full
package with Documentation, Includes, Exambles, etc., I just can't find
out!
 Anyone out there who can help me ?!?!?


## 1.318  intuition.library

  Intuition.library   v39.2984
  ------------------------------
 Routines for managing windows, screens, and Input/Output to them.

 Part of the System software.

 Author : Commodore Amiga.


## 1.319  isam.library

  ISam.library   v1.03
  ---------------------
 This Library contains all a programmer needs to write database type
programs, and access records and files.
 Even novice programmers can store and/or retrieve database records.
 Powerful, multi-"user", almost unlimited number & size of
records/files. Different users may access same file, file and record
locking (exclusive or shared), multiple keys/file.
 Keys may: ascend/descend, have unique/repeatable values,
be up to 499 bytes.
 Many record retrieval methods.
 Recover Index file if lost or corrupt.
 Deleted record space reclaimed.
 Usable from C, Assembler, ARexx, etc, etc, etc...

 Fred Fish PD-Serie. Disk N\textdegree{} 953.
 Can be found on AmiNET CD-ROM in AmiNET/Biz/DBase.

Author : Scott C. Jacobs.


## 1.320   isup.library


                        ISup.library   v1.16
    ----------------------
  This is a copied version of the
                IntuiSup.library
                .


  In the documentation the
                IntuiSup.library
                is often called
  ISup.library, so someone must have got messed up with the names and
  renamed it accidentally.


## 1.321   iv24_r3d.library


   IV24_R3D.library   v2.0
   -------------------------
  Library to link "Real3D-v2" with the "ImpactVision 24" 24Bit-GFX Board.

  Comes with "Real3D-v2".

  Author : RealSoft.


## 1.322   ixemul.library


   Ixemul.library   v39.47
   -------------------------
  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, particulary the signal handling.

  Available for anonymous FTP on ab20.larc.nasa.gov.

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


## 1.323   janus.library


                        Janus.library   v33.1
    ----------------------
  This Library comes with the Amiga BridgeBoard, which gives the Amiga
  IBM-PC compatibillity :-(
  The BridgeBoard is often called "Janus" (Janus was a roman god with two

faces).
 This Library should be located in the SYS:Expansion Drawer.
 The Library is loaded by "BindDrivers" and provides the basis for all
other "Janus"-SoftWare.
 It provides communications with the PC-side BIOS extension known as
the
                Janus.Handler
              .

## 1.324   jhextras.library

 JHExtras.library   v37.58
---------------------------
 ????

 Fred Fish PD-Serie. Disk N\textdegree{} 953. (In the "ByteFilter"-Drawer).

 Author : Jan Hagqvist.

## 1.325   joy.library

 Joy.library   v1.0
--------------------
 This is a standalone Library to read the Joystick ports.
 For programmers to incorporate into their own programs.

 Fred Fish PD-Serie. Disk N\textdegree{} 378.

 Author : Oliver Wager.

## 1.326   joystick.library

 Joystick.library   v1.0
-------------------------
 A shared Library of Joystick routines featuring a technique which
proves to be extremely fast on 68010 or higher processors, and still
faster than most of the other routines on standard processors.

 Fred Fish PD-Serie. Disk N\textdegree{} 378.
Includes source for Library in Assembler and Demonstration program in C.

 Author : Oliver Wagner.

## 1.327   kcx.library

```
 KCX.library   v2.5
-------------------
```
Support Library for the multi-functional commodity called "KCommodity".

Author : Kai Iske.

## 1.328  kd_freq.library

```
                  KD_FReq.library   v3.13
-------------------------
```
Extensive file requester.
Comes with a patch to use it when a program calls the
           ARP.library
             .
Nice requester, rather large, never caught on.

SaarAG PD-Serie. Disk N\textdegree{} 323.

## 1.329  keymap.library

```
 Keymap.library   v39.2
------------------------
```
Routines for dealing with keymaps.

Part of the System software.

Author : Commodore Amiga.

## 1.330  kwreq.library

```
 KWreq.library   v1.0
---------------------
```
Support Library for the "KindWord" Word Processing Program.

## 1.331  kwspell.library

```
 KWspell.library   v1.1
-----------------------
```
Support Library for the "KindWord" Word Processing Program.

## 1.332  layers.library

```
 Layers.library   v39.61
------------------------
 Routines to handle Graphic 'Layers' for doing Window depth and
clipping.

 Part of the System software.

 Author : Commodore Amiga.
```

## 1.333   ldscr.library

```
 LDSCR.library
---------------
 ????
```

## 1.334   lh.library

```
 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.

 Authors: Holger P. Krekel & Olaf 'Olsen' Barthel.
```

## 1.335   locale.library

```
 Locale.library   v40.4
-------------------------
 Routines for controlling Locale-Prefs.

 Part of the System software version 2.1+.

 Author : Commodore Amiga.
```

## 1.336   lowlevel.library

```
 LowLevel.library   v40.35
---------------------------
 ???? (Library from OS3.1/CD32 ?)

 Can be found on the 'Amiga User International' CoverCDROM.

 Author : Commodore Amiga.
```

## 1.337  mach.library

```
 Mach.library
 --------------
 ????
```

## 1.338  macro68.library

```
 Macro68.library
 -----------------
 "Macro68" main Library.
```

## 1.339  macro68cp.library

```
 Macro68cp.library
 -------------------
 "Macro68" Floating Point processor support Library.
```

## 1.340  macro68hf.library

```
 Macro68hf.library
 -------------------
 "Macro68" special function support Library.
```

## 1.341  macro68mp.library

```
 Macro68mp.library
 -------------------
 "Macro68" automatic optimization support Library.
```

## 1.342  macro68op.library

```
 Macro68op.library
 -------------------
 "Macro68" file output support Library for uncommon Output modes.
```

## 1.343  macro68ow.library

```
 Macro68ow.library
 -------------------
 "Macro68" interactive optimization support Library.
```

## 1.344   masovision.library

```
                  MasoVision.library   v33.103
    -----------------------------
    Contains functions for (perhaps) smarter use of many functions of the

              Intuition.library
           .

    Comes with the Masoboshi GFX Digitizer.

    Author : Steffen A. Mork.
```

## 1.345   mathffp.library

```
     MathFFP.library   v39.1
    -------------------------
    FFP format math routines.

    Part of the System software.

    Author : Commodore Amiga.
```

## 1.346   mathieeedoubbas.library

```
     MathIEEEdoubBas.library   v38.2
    ---------------------------------
    Double precision IEEE basic math.

    Part of the System software.

    Author : Commodore Amiga.
```

## 1.347   mathieeedoubtrans.library

```
     MathIEEEdoubTrans.library   v37.1
    -----------------------------------
    Double precision IEEE transcendental math.

    Part of the System software.

    Author : Commodore Amiga.
```

## 1.348   mathieeehybridtrans.library

```
     MathIEEEhybridTrans.library
    -----------------------------
    Fast IEEE Library.
```

## 1.349   mathieeesingbas.library

```
 MathIEEEsingBas.library   v37.3
 -------------------------------
 Single precision IEEE basic math.

 Part of the System software.

 Author : Commodore Amiga.
```

## 1.350   mathieeesingtrans.library

```
 MathIEEEsingTrans.library   v37.1
 ---------------------------------
 Single precision IEEE transcendental math.

 Part of the System software.

 Author : Commodore Amiga.
```

## 1.351   mathtrans.library

```
                  Mathtrans.library   v37.1
 ---------------------------
 FFP transcendental math.

 Part of the System software.

 Author : 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.
 Someone told me that the
           QweMathtrans.library
           is the faster version,
that just need to be renamed to mathtrans.library to work, but I
haven't been able to get this comfirmed.
 Author : Martin Combs.
```

## 1.352   matrix.library

```
 Matrix.library   v23.1815
 -------------------------
 ????

 Author : David Swasbrook.
```

## 1.353  medplayer.library

```
 MEDplayer.library   v5.0
 ------------------------
 Library for playing "MED" modules.

 Comes with "MED".
```

## 1.354  memory.library

```
 Memory.library   v37.0
 ----------------------
 Library for allocating Memory.

 Author : Thomas Neuman.
```

## 1.355  metaxpr.library

```
 MetaXPR.library   v4.0
 ----------------------
 Support Library for Telecommunication.

 SaarAG PD-Serie. Disk N\textdegree{} 554.

 Author: Olaf 'Olsen' Barthel.
```

## 1.356  midi.library

```
 MIDI.library   v7.94
 --------------------
 A Library that permits sharing of the serial port by MIDI applications
 through a MIDI message routing and processing system.

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

 Author : Bill Barton.
```

## 1.357  mmu.library

```
 MMU.library   v7.0
 ------------------
 MMU Control Hack.

 Author : Børge Nøst.
```

## 1.358   mmv8.library

```
 MMV8.library   v11.93
 ----------------------
 "Music-Maker V8" support Library.
```

## 1.359   mtool.library

```
                 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.

 Author : Ruediger Dreier.
```

## 1.360   muimaster.library

```
 MUIMaster.library   v7.973
 ----------------------------
 Support Library for the "MUI" program (MagicUserInterface).

 SaarAG PD-Serie. Disk N\textdegree{} 968.

 Author : Stefan Stuntz.
```

## 1.361   multipic.library

```
 MultiPic.library   v2.5
 --------------------------
 ????
```

## 1.362   multireq.library

```
 MultiReq.library   v1.20
 ---------------------------
 A FileRequester Library, which fully MultiTask and has a great number
 of other features.
 Written entirely in 'Assembler' to be small and fast.

 Fred Fish PD-Serie. Disk N\textdegree{} 778.

 Author : Andreas Krebs.
```

## 1.363 multiuser.library

```
 MultiUser.library   v39.164
 ---------------------------
 Allows you to create a UNIX-like environment, where several users live
together in harmony, unable to delete each others files, unable to read
those private love-letters of other users :-)
 And this even if several users are working on the machine at the same
time (on a terminal hooked up to the serial port)!

 Fred Fish PD-Serie. Disk N\textdegree{} 905.

 Author : Geert Uytterhoeven.
```

## 1.364 mvd.library

```
 MVD.library   v34.23
 --------------------
 For controlling the Masoboshi GFX Digitizer.

 Author : Masoboshi InformationsSysteme.
```

## 1.365 mvk.library

```
 MVK.library   3.928
 -------------------
 ????
```

## 1.366 mxm.library

```
 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.

 Author : Olaf 'Olsen' Barthel.
```

## 1.367 nipc.library

```
 NIPC.library   v40.6
---------------------
```

  Support Library for Commodore's new peer-to-peer Amiga networking
package "Envoy".

  Author : Commodore Amiga.


## 1.368   nofrag.library

```
                 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.

  Author : Jan van den Baard.


## 1.369   nonvolatile.library

```
 NonVolatile.library   v40.36
------------------------------
```
  ????

  Maybe for handling the save game and hiscore informations in the
NonVolatileRAM that is found in CD32s.

  Can be found on the 'Amiga User International' CoverCD.

  Author : Commodore Amiga.


## 1.370   objectivegadtools.library

```
  ObjectiveGadTools.library   v1.0
-----------------------------------
```
  It appears to be used to either use or access new AmigaDOS 3.x GadTools
such as BOOPSI Class gadgets, and maybe add to use them under AmigaDOS 2
as well, but this is only a guess and may be wrong.

  Can be found on the "CDPD III" CD-ROM in Programming/C/ObjectiveGT.


## 1.371   octaplayer.library

```
  OctaPlayer.library   v2.0
---------------------------
```
  Routines for playing "OctaMED" modules.

## 1.372   odin.library

```
 Odin.library
 --------------
 Process Intercommunication (USENET)
```

## 1.373   online.library

```
                  OnLine.library   v1.05
 -------------------------
 This Library is a collection of routines to support the creation
of Doors and/or OnLine-Tools, that overtake the
             Serial.device
               .
 It handles most of the Device-access for the Programmer and can
directly interface with some BBS-System.

 Author : Oliver Graf, T.O.M. Software.
```

## 1.374   opal.library

```
 Opal.library
 --------------
 Support Library for the "OpalVision 24-bit Board".

 Author : Centaur.
```

## 1.375   opal_r3d.library

```
 Opal_R3D.library   v1.02
 --------------------------
 Library to link "OpalVision" with "Real3D".

 Can be found on the "AmiNet_0293"-CDROM in ":Hard/Drivr/".
```

## 1.376   opalreq.library

```
 OpalReq.library
 --------------
 Support Library for the "OpalVision 24-bit Board".

 Author : Centaur.
```

## 1.377 owndevunit.library

```
 OwnDevUnit.library   v3.3
 -------------------------
 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.

 Author : Christopher Michura.
```

## 1.378 pack_scn1.library

```
 Pack_SCN1.library   v1.0
 ------------------------
 ????
```

## 1.379 pager-support.library

```
 Pager-Support.library   v1.26
 -----------------------------
 This is the Library for the "CyberPager"-Program.
 This allows one to send alpha-numeric (i.e., full text) messages to a
pager from an Amiga.
 This is accomplished by dialing into an IXO protocol compliant pager
central and uploading messages.
 Features include Alias file for commonly paged people to be referred to
by name rather than cryptic PIN numbers, "Groups" file allowing messages
to be easily sent to many people working on the same project, in the
same department, etc, supports multiple pager centrals through a
services configuration file, full logging of messages spooled, dial-out
attempts, etc, etc, etc....

 Fred Fish PD-Serie. Disk N\textdegree{} 992.
Includes source in C.

 Author : Christopher A. Wichura.
```

## 1.380 paladin.library

```
 Paladin.library   v38.109
 -------------------------
 ????
```

## 1.381 parm.library

```
 ParM.library   v10.4
 ---------------------
 Part of "ParM".

 Fred Fish PD-serie. Disk N\textdegree{} 995.

 Author : Sylvain Rougier and Pierre Carrette.
```

## 1.382 patch.library

```
 Patch.library   v1.55
 ----------------------
 Library to provide Easy-to-use functions to safely install custom code
for Library functions.

 Fred Fish PD-Serie. Disk N\textdegree{} 886.
Includes examble programs.

 Author : Stefan Fuchs.
```

## 1.383 pattern.library

```
                  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.

 Author : Angela Schmidt.
```

## 1.384 photoworx.library

```
 PhotoWorX.library   17.4
 -------------------------
 Support Library to access Kodak PhotoCD from the program "PhotoWorX".

 Author : Olaf Barthel.
```

## 1.385   picsystem.library

```
 PicSystem.library
 ------------------
 ????
```

Can be found in "LIBS" on the "Games3" CDROM.


## 1.386   playerprefs.library

```
 PlayerPrefs.library   v1.2
 --------------------------
 ????
```


## 1.387   pointer.library

```
 Pointer.library   v3.2
 ----------------------
```

This allows you to have a Preference setting for your pointer and your
busy-pointer under KS 2.xx+.

Fred Fish PD-Serie. Disk N\textdegree{} 446.

Author : Luke Wood.


## 1.388   popper.library

```
 Popper.library   v3.0
 ---------------------
```

Support Library for the "Popper" Menu-Replacement-Utility.

Can be found on the "AmiNet_0294" CDROM in ":OS20/Util/".

Author : Pierre Baillargeon.


## 1.389   post.library

```
 Post.library   v17.7
 --------------------
```

PostScript interpreter routines for "Post".

Fred Fish PD-Serie. Disk N\textdegree{} 828.

Authors: Adrian Aylward and Robert Poole.

## 1.390  potgo.library

```
 Potgo.library   v37.4
 ----------------------
 Routines for using analog input to the Amiga.

 Author : Commodore Amiga.
```

## 1.391  powerpacker.library

```
 PowerPacker.library   v36.10
 ----------------------------
 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.

 Author : Nico Francois. (Yes, Nico is his first name)
```

## 1.392  powervisor.library

```
 PowerVisor.library
 --------------------
 Debugger/Disassembler routines.

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

## 1.393  ppipc.library

```
 PPIPC.library   v2.2
 ----------------------
 Process Intercommunication.
 Very flexible.

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

 Authors: Pete Goodeve and Peter da Silva.
```

## 1.394  prefs.library

```
 Prefs.library
 --------------
 ????
```

## 1.395   project_d.library

```
 Project_D.library   v36.4
 -------------------------
 Library for "Project_D".
```

## 1.396   prtspool.library

```
 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.

 Author: Jeff Glatt.
```

## 1.397   ptool.library

```
 PTool.library   v2.50
 ---------------------
 PetiToolLibrary ????
```

## 1.398   qfont.library

```
 QFont.library   v39.0
 -----------------------
 Support Library for the "FinalWriter" Word Processing Program.
```

## 1.399   quicktools.library

```
 QuickTools.library   v2.43
 --------------------------
 "QuickTools" is the Tool-Package for the HardDisk-owner, who is tired
of writing long path-names when changing Directories, and who doesn't
have the time to search for Files manually.
 "QuickTools" consists mainly of three small utilities, that does all
the hard work for the user, and this Library where the search-routines
are.
 All search-routines support standard AmigaDOS wildcards.

 SaarAG PD-Serie. Disk N\textdegree{} 636.

 Author : Eivind Nordseth.
```

## 1.400   qwemathtrans.library

```
                QweMathTrans.library
   ---------------------
   ????
```

 I'm told that this Library is a faster PD-version of the original

```
          Mathtrans.library
        , that must be renamed to
         Mathtrans.library
             to work as such, but I have been unable to get this confirmed.
```

## 1.401   r3root.library

```
  R3Root.library   v1.0
   ---------------------
   Support for "Real3D-v2".
```

   Comes with "Real3D-v2".

   Author : RealSoft.

## 1.402   rct.library

```
  RCT.library    v16.52
   ---------------------
   ????
```

## 1.403   real3d.library

```
  Real3D.library    v1.0
   ---------------------
   Support Library for "Real3D-v2"
```

   Comes with "Real3D-v2".

   Author : RealSoft.

## 1.404   realtime.library

```
  RealTime.library   v40.2
   -------------------------
```
 A Library which can allow applications to share high resolution timing
 and synchronize with each other.

 Part of the System SoftWare from v3.1.

Author : Commodore Amiga.

## 1.405  realtime_mix.library

```
                  RealTime_MIX.library   v40.2
------------------------------
  ????

  Maybe it is some sort of a clone of the
            RealTime.library
```

## 1.406  regex.library

```
  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.

  Authors: Edwin Hoogerbeets, FSF and Jim Mackraz.
```

## 1.407  removelink.library

```
  RemoveLink.library   v32.25
-----------------------------
  This Library purpose is to help a viruskiller programmer or another
file utility to find virus infected files.

  Fred Fish PD-Serie. Disk N\textdegree{} 919.
It can be found in the "BBBF"-Drawer.

  Author : Johan Öhman.
```

## 1.408  renderhame.library

```
  RenderHAME.library   v5.1
---------------------------
  ????

  Author : Pete Patterson.
```

## 1.409   req.library

```
 Req.library   v2.8
 -------------------
 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.

 Authors: Colin Fox and Bruce Dawson.
```

## 1.410   reqchange.library

```
 ReqChange.library   v3.1
 ------------------------
 Support Library for the "ReqChange" Utility (a "RTPatch" clone).

 Author : Magnus Holmgren.
```

## 1.411   reqtools.library

```
                   ReqTools.library   v38.1248
 ----------------------------
 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.

 Author : Nico Francois. (Yes, Nico is his first name)
```

## 1.412 requester.library

```
 Requester.library   v1.6
 --------------------------
File Input/Output requester.

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

Author : Dissidents Software.
```

## 1.413 resourcehelp.library

```
 ReSourceHelp.library   v1.12
 ----------------------------
Support Library for the "ReSource" 'Assembler'-Monitor.
```

## 1.414 resourceloader.library

```
 ReSourceLoader.library   v1.12
 ------------------------------
Support Library for the "ReSource" 'Assembler'-Monitor.
```

## 1.415 resourcemenus.library

```
 ReSourceMenus.library   v1.12
 -----------------------------
Support Library for the "ReSource" 'Assembler'-Monitor.
```

## 1.416 resourcesyms.library

```
 ReSourceSyms.library   v1.12
 ----------------------------
Support Library for the "ReSource" Assembler-Monitor.
```

## 1.417 retina.library

```
 Retina.library   v7.6
 ---------------------
Support Library for the "Retina" 24-Bit GFX Board.
```

## 1.418 review.library

```
 Review.library   v1.16
 -----------------------
 Review buffer functions for "VLT".

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

 Author : Willy Langeveld.
```

## 1.419 rexxapp.library

```
 RexxApp.library   v0.1
 ------------------------
 Helps in creating an 'ARexx' host.

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

 Author : Dissidents SoftWare.
```

## 1.420 rexxarplib.library

```
                  RexxARPlib.library   v3.3
 ---------------------------
 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.

 Author: Willy G.J. Langeveld.
```

## 1.421 rexxdossupport.library

```
                  RexxDOSSupport.library   v1.3
 -------------------------------
 Library that will give users of 'ARexx' accrss to some functions of the

               DOS.library
               (like ENV variables, argument parsing, etc, etc,...).
```

Author: Hartmut Goebel.

## 1.422  rexxextra.library

```
 RexxExtra.library   v2.2
--------------------------
```
'ARexx' utility function Library.

## 1.423  rexxflow.library

```
                  RexxFlow.library
------------------
```
This is an 'ARexx' interface to the
           Flow.library
             .

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

## 1.424  rexxhost.library

```
 RexxHost.library   v37.1
--------------------------
```
 This is a shared Library package to simplify the 'ARexx' host creation
and management procedure.
 'ARexx'-message parsing is also included making it possible to control
'ARexx' from programs such as 'AmigaBASIC'.

 Fred Fish PD-Serie. Disk N\textdegree{} 682.
Includes source in 'C' and 'Assembly' language.

 Author : Olaf 'Olsen' Barthel.

## 1.425  rexxisam.library

```
                  RexxISam.library
------------------
```
I'm not sure, but this might be a Library to connect 'ARexx' and the

           ISam.library
             .

## 1.426  rexxmathlib.library

```
 RexxMathLib.library   v1.31
---------------------------
```

 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.

 Author : Willy G.J. Langeveld.

## 1.427 rexxmathsbii.library

```
 RexxMathsbii.library   v1.0
---------------------------
```
 Math routines for 'ARexx'.

## 1.428 rexxplslib.library

```
 RexxPLSlib.library   v1.1
---------------------------
```
 ????

## 1.429 rexxreqtools.library

```
                RexxReqTools.library   v37.71
-------------------------------
```
 Library that will give users of 'ARexx' access to all the requesters
in the
              ReqTools.library
           .

 Fred Fish PD-Serie.

 Author : Rafael D'Halleweyn.

## 1.430 rexxsupport.library

```
 RexxSupport.library   v34.9
---------------------------
```
 'ARexx' support modules.

 Part of the System software version 2.xx+.

 Author : Commodre Amiga.

## 1.431   rexxsyslib.library

```
 RexxSyslib.library   v36.23
----------------------------
```
Main 'ARexx' Modules.

Part of the System software version 2.xx+.

Author : Commodore Amiga.

## 1.432   rezlib.library

```
 Rezlib.library
----------------
```
Used by "REZ", for making programs resident.

SaarAG PD-Serie. Disk N\textdegree{} 291.

Author : Jim Goodnow.

## 1.433   rxgen.library

```
 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.

Author : Francois Rouaix.

## 1.434   rx_intui.library

```
                RX_Intui.library   0.0
------------------------
```

```
        Intuition.library
        calls from 'ARexx'.
```

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

Author : Jeff Glatt.

## 1.435   samp.library

```
 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.

 Author : Jeff Glatt, Dissidents Software.


## 1.436   saslibraries

```
 SAS libraries
---------------
```
 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.


## 1.437   sc<xxxxx>.library

```
 SC<xxxxx>.library
-------------------
```
These are all support Libraries for the "SAS/C-C++" compiler.

```
     sc1.library        v6.50   (SC Phase 1)
     sc2.library        v6.50   (SC Phase 2)
     scCXX.library      v6.40
     scDEBUG.library    v6.50   (Debug Generator)
     scGO.library       v6.50   (Global Optimizer)
     scGST.library      v6.50   (GST Manager)
     scHI.library       v6.50   (Debug Manager)
     scLIST.library     v6.50   (List/Cross-Reference Generator)
     scPEEP.library     v6.50   (PeepHole Optimizer)
     scSPILL.library    v6.50   (Resource Manager)
```

 Comes with the "SAS/C-C++" compiler.

 Author : SAS Institute Inc.


## 1.438   scalaiv24.library

```
 ScalaIV24.library   v32.2
--------------------------
```
Support Library for "Scala" MultiMedia package.

## 1.439   scalamm.library

```
 ScalaMM.library   v45.2
 ------------------------
 Support Library for "Scala" MultiMedia package.
```

## 1.440   screenfool.library

```
 ScreenFool.library   v1.4
 -------------------------
 Public Screen and display mode Library.

 With this Library, you can open a Public Screen with a protected font
and title, which will be automatically deallocated by the Library's
close function.
 This means that your application doesn't have to stay around while the
screen is open.

 SaarAG PD-Serie. Disk N\textdegree{} 640.

 Author : Chris Lawrence.
```

## 1.441   screenshare.library

```
 ScreenShare.library   v1.52
 ---------------------------
 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.

 Author : Willy Langeveld.
```

## 1.442   sekeymap.library

```
 SEKeyMap.library   v6.50
 -------------------------
 Support Library for the KeyMap Editor in the "SAS/C-C++" compiler.

 Comes with the the "SAS/C-C++" compiler.

 Author : SAS Institute Inc.
```

## 1.443   services.library

```
  Services.library   v37.10
  -------------------------
```

Support Library for Commodore's new peer-to-peer Amiga networking
package "Envoy".

Author : Commodore Amiga.

## 1.444  shadow.library

```
  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.

## 1.445  shutdown.library

```
  ShutDown.library   v2.0
  -----------------------
```
????

Author : Olaf Barthel.

## 1.446  siegfried.library

```
  Siegfried.library   v3.12
  -------------------------
```
Don't know what this is, but I'll take a wild guess and say it is
written by someone named Siegfried :-)

## 1.447  simplexfont.library

```
  SimplexFont.library   v1.0
  --------------------------
```
Scaleable font for "VLT".

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

Author : Willy Langeveld.

## 1.448  specialfx.library

```
  SpecialFX.library   v40.6
  -------------------------
 What have we here ???  A future Library !?!

 This Library supply a set of functions to produce special effects when
mixing to pictures.

 This is a Library, which might (seems to) be released with a future
release of the OS  ( KS/WB 4.0 ? ).

 Author : Commodore Amiga.
```

## 1.449  splay_<protocol>.library

```
  SPlay_<protocol>.library
  -------------------------
 Support libraries for the "SmartPlay" module-playing program.

 Supported Module-formats are: SPlay_BPSM.library (BPSOUNDMON v2)
                               SPlay_DELT.library (DeltaMusic Pro)
                               SPlay_DSS!.library (Digital Sound Studio)
                               SPlay_FAST.library (Modules in FASTRAM)
                               SPlay_FC10.library (FutureComposer ->1.3)
                               SPlay_FC14.library (FutureComposer 1.4)
                               SPlay_GMOD.library (GMOD; general)
                               SPlay_JAMC.library (JamCracker & JCPRO)
                               SPlay_PM18.library (Promizer 1.8)
                               SPlay_SF13.library (SoundFX 1.3)
                               SPlay_SM10.library (SidMon 1.0)
                               SPlay_SMII.library (SidMon II)
                               SPlay_ST15.library (SoundTracker 15)
                               SPlay_XMOD.library (XMOD; general)

   SaarAG PD-Serie. Disk N\textdegree{} 586.
```

## 1.450  sregexp.library

```
  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.

 Author : Jon Spencer.
```

## 1.451  ss.library

```
 SS.library   v3.0
------------------
Special Support Library.

Can be found on the "AmiNet_0294" CDROM in ":OS20/Util/".

Author : Martin Mares.
```

## 1.452  sssystem.library

```
 SSSystem.library   v2.4
------------------------
This Library is part of the "SpySystem" CPU usage monitoring package.
```

## 1.453  stc.library

```
                STC.library   v3.304
----------------------
 This Library, together with
           STC20.library
           , is support Library for a
 File packer Program called "StoneCracker".

 Author : Jouni Korhonen.
```

## 1.454  stc20.library

```
                STC20.library   v3.304
-----------------------
 This Library, together with
           STC.library
           , is support Library for a
 File packer Program called "StoneCracker".

 Author : Jouni Korhonen.
```

## 1.455  stopus.library

```
 STOpus.library   v1.1
-----------------------
For playing "SoundTracker" modules with "DirectoryOpus".

Author : Peter S. Martson.
```

## 1.456   streplay.library

```
 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.

 Author : Oliver Wagner.

## 1.457   strokefont.library

```
 StrokeFont.library   v1.0
 -------------------------
```
Scaleable font for "VLT".

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

## 1.458   superplay.library

```
 SuperPlay.library   v1.5
 ------------------------
```
????

 Author : Andreas Ralph Kleinert.

## 1.459   superview.library

```
 SuperView.library   v6.4
 ------------------------
```
Support Library for the image viewer called "SuperView".

 Author : Andreas Ralph Kleinert.

## 1.460   superviewsupport.library

```
 SuperViewSupport.library   v3.1
 -------------------------------
```
Support Library for the image viewer called "SuperView".

 Author : Andreas Ralph Kleinert.

## 1.461   swpost.library

```
 SWPost.library   v18.8
-----------------------
```
Support Library for the "FinalWriter" Word Processing Program.


## 1.462   swshell.library

```
 SWShell.library   v6.0
-----------------------
```
Support Library for the "FinalWriter" Word Processing Program.


## 1.463   task.library

```
 Task.library   v1.2
---------------------
```
????


## 1.464   tcla.library

```
 TCLA.library   v0.0
---------------------
```
????


## 1.465   tdisk.library

```
 TDisk.library   v33.10
-----------------------
```
????


## 1.466   test_multi.library

```
 Test_Multi.library   v1.0
--------------------------
```
????


## 1.467   test_one.library

```
 Test_One.library   v1.0
------------------------
```
????

## 1.468   text_ed.library

```
 Text_Ed.library   v0.1
 ----------------------
 ????
```

## 1.469   textmode.library

```
 TextMode.library   v1.0
 --------------------------
 ????
```

Authors: Stefan Stuntz & Andreas Schildbach.

## 1.470   timer.library

```
 Timer.library
 ---------------
 Routines for very precise time messures.
```

Author : Commodore Amiga.

## 1.471   tio.library

```
 TIO.library   v1.0
 -------------------
 ????
```

## 1.472   tool.library

```
 Tool.library   v8.2
 --------------------
 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.

 Author : Jan van den Baard.

## 1.473   toolmanager.library

```
 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.

 Author : Stefan Becker.
```

## 1.474  track.library

```
 Track.library
 ---------------
 Memory tracking functions for "VMAlloc".
```

## 1.475  translator.library

```
                  Translator.library   v37.1
 ---------------------------
 Speech synthesis support Library.
 This Library has only one entry point to call, which translates english
text to phoneme code, which can be fed to the
           Narrator.device
              .

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

 Author : Commodore Amiga.
```

## 1.476  traplist.library

```
 TrapList.library   v5.4
 -----------------------
 This Library belongs to the FIDO Mailer called "TrapDoor" and contains
all functions needed for mailling FIDO packages to FIDO nodes.

 Comes with the "TrapDoor"-program, which can be optained from most BBS.

 Authors: Maximilian Hantsch and Martin Laubach.
```

## 1.477  triton.library

```
 Triton.library   v1.0
----------------------
```

???? (Seems to be some sort of Intuition supporter ?)

SaarAG PD-Serie. Disk N\textdegree{} 715.

## 1.478  trm.library

```
 TRM.library   v38.362
-----------------------
```
 ????

## 1.479  turtle.library

```
 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.

 Author : Thomas Albers.

## 1.480  unpack.library

```
 Unpack.library   v39.51
-------------------------
```
 This Library purpose is to help a viruskiller programmer to scan files
that are crunched.

 Fred Fish PD-Serie. Disk N\textdegree{} 919.
It can be found in the "BBBF"-Drawer.

 Author : Thomas Neumann.

## 1.481  utility.library

```
 Utility.library   v39.10
-------------------------
```
 General utility routines for Tags, Date/Time and math.

 Part of the System software version 2.xx+.

 Author : Commodore Amiga.

## 1.482   vd_r3d.library

```
 VD_R3D.library   40.0
-----------------------
????
```

## 1.483   unnamed.1

```
 IV24_R3D.library   v2.0
-------------------------
Library to link "Real3D-v2" with the "ImpactVision 24" 24Bit-GFX Board.

Comes with "Real3D-v2".

Author : RealSoft.
```

## 1.484   vector.library

```
 Vector.library   v1.66
------------------------
Routines for 3D object manipulation and display.

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

## 1.485   version.library

```
 Version.library   v40.25
--------------------------
Current software version info.

Part of the System software.

Author : Commodore Amiga.
```

## 1.486   vidi.library

```
 Vidi.library   v4.05
----------------------
????
```

## 1.487   vilintuisup.library

```
 VilIntuiSup.library   v2.8
----------------------------
????
```

## 1.488   virus.library

```
 Virus.library   v4.99
 ----------------------
 Virus detection Library for "VScan".

 SaarAG PD-Serie. Disk N\textdegree{} 267.

 Author : Arthur Hagen.
```

## 1.489   vlab.library

```
 VLab.library   v7.2
 --------------------
 ????
```

## 1.490   vmem.library

```
 VMem.library   v3.0
 --------------------
 This Library supports Virtual Memory (Swapping not used portions of the
memory out to a HardDisk, and thus providing additional memory, found on
the HardDisk, for your programs).
 The replacement of the memory is done by a MMU (Memory Management Unit).
So you need an 68020+MMU, an 68030 or an 68040 (the last two have built
in MMU's).

 The Library comes with the "GigaMem"-program.
 While the program is Copyrighted and Non-Distributable, the Library is
fully distributable, allowing programmers to write their programs to
support Virtual Memory and "GigaMem".
 Includes and AutoDocs for this Library can be found in the Public Domain
in the SaarAG PD-Serie. Disk N\textdegree{} 525.

 Author: Ch. Schneider & bsc büroautomation AG.
```

## 1.491   vmm.library

```
 VMM.library   v1.2
 -------------------
 ???? (Virtuel Memory Manager Library ?)
```

## 1.492   voice.library

```
 Voice.library   v8.4
---------------------
This is a Library to handle sampled speech input to a program.

Part of the "AniMan"/"VCLI" project.

Fred Fish PD-Serie. Disk N\textdegree{} 898.

Author : Richard Horne.
```

## 1.493 whatis.library

```
 WhatIs.library   v4.0
----------------------
 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{} 995.

 Authors: Sylvain Rougier & Pierre Carrette.
```

## 1.494 workbench.library

```
 WorkBench.library   39.48
--------------------------
Routines for managing WorkBench.

Part of the System software.

Author : Commodore Amiga.
```

## 1.495 works.library

```
 Works.library   v1.1
---------------------
 ????
```

## 1.496 wp.library

```
 WP.library   v6.1
------------------
 Library for the "WordPerfect" Word Processing Program.
```

## 1.497   wshell.library

```
 WShell.library   v37.35
-------------------------
"WShell 2.0" Library.
```

## 1.498   wwcore.library

```
 WWCore.library   v1.0
-----------------------
Support Library for the "WordWorth" Word Processing Program.

Comes with "WordWorth".

Author : DigitaSoft.
```

## 1.499   wwfilter.library

```
 WWFilter.library   v1.0
-------------------------
Support Library for the "WordWorth" Word Processing Program.

Comes with "WordWorth".

Author : DigitaSoft.
```

## 1.500   wwreq.library

```
 WWReq.library   v1.0
----------------------
Requesters for the "WordWorth" Word Processing Program.

Comes with "WordWorth".

Author : DigitaSoft.
```

## 1.501   wwspell.library

```
 WWSpell.library   v1.1
------------------------
The spell-checking part of the "WordWorth" Word Processing Program.

Comes with "WordWorth".

Author : DigitaSoft.
```

## 1.502   xcolor.library

```
 XColor.library   v34.2
 -----------------------
 Link Library with a full-fledged color requester along with several
color functions, like Copy, Spread, Exchange, Antigue, etc., to aid in
creating your own custom color requestors.

 Fred Fish PD-Serie. Disk N\textdegree{} 361.
Contains several demos along with Include files for 'C','AmigaBASIC',
"DevPac" 'Assembler' and 'KickPascal'.

 Author : Roger Fischlin.
```

## 1.503   xem<xxxxx>.library

```
 XEm<xxxxx>.libray
 -----------------
 These Libraries are used in communication Programs to emulate a
particular terminal.

     xemAMIGA.library   v4.0    Emulate an ANSI terminal.
     xemASCII.library   v4.30   Emulate an ASCII terminal.
     xemBBS.library     v4.4    Emulate a better xemIBM terminal.
     xemHEX.library     v4.5    Emulate a hexadecimal output terminal.
     xemIBM.library     v4.1    Emulate an IBM terminal.
     xemVT340.library   v4.52   Emulate a DEC VT340 terminal.

 Author : Ueli Kaufmann.
```

## 1.504   xfd.library

```
                 XFD.library   v33.1
 ---------------------
 ????

 There is also another Library called
           XFDmaster.library
           and I think it
 is the same as this, in a (for some strange reason) renamed version.

 Author : Georg Hörmann.
```

## 1.505   xfdmaster.library

```
                 XFDmaster.library   v34.2
 ----------------------------
 This Library allows you to decrunch nearly every crunched file known to
the Amiga.
```

The XFDmaster.library, successor of the
                DeCrunch.library
              , is a
standard Amiga shared runtime library.
 It works with Kickstart V33+ and offers applications the possibility to
directly support crunched files of any kind.

 Fred Fish PD-Serie. Disk N\textdegree{} 986.

 Author : Georg Hörmann.

## 1.506  xferq.library

                     Xferq.library   v1.8
----------------------
 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.

 Can be found on the "AmiNet_0294" CDROM in ":COMM/Misc/".

 Author : David Jones.

## 1.507  xmodem_term.library

 XModem_Term.library   v0.0
----------------------------
 XModem functions.

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

 Author : Jeff Glatt, Dissidents Software.

## 1.508  xmodem1k_term.library

 XModem1K_Term.library   v0.0
-----------------------------
 XModem 1K functions.

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

 Author : Jeff Glatt, Dissidents Software.

## 1.509   xpkmaster.library

```
                    XPKmaster.library   v2.5
  ------------------------
  Compression and encryption.

  Master Library for the "XPK" compressions/encryption movement.
  The actual compression/encryption is done via sub-Libraries, that
must be placed in a sub-directory in LIBS: called Compressors.
  Each sub-Library contains its own compression/encryption method which
can be recognized by its name.

  The name of the sub-Libraries is always
            XPK<protocol>.library
            .

  SaarAG PD-Serie. Disk N\textdegree{} 488.

  Authors: Urban Duminik Mueller & Bryan Ford.
```

## 1.510   xpk<protocol>.library

```
                    XPK<protocol>.library
  ------------------------
  Support libraries for the "XPK" compression/encryption movement.
  These sub-Libraries is controlled by the
            XPKmaster.library
            .
  Supported compression-formats are:

    xpkBLZW.library   v3.0        xpkCBR0.library   v1.0
    xpkCRM2.library   v1.1        xpkDHUF.library   v0.58
    xpkDLTA.library   v0.1        xpkENCO.library   v1.0
    xpkFAST.library   v1.03       xpkFEAL.library   v1.0
    xpkHFMN.library   v1.16       xpkHUFF.library   v0.63
    xpkIDEA.library   v1.99       xpkIMPL.library   v1.0.79
    xpkLHLB.library   v1.0        xpkNONE.library   v1.0
    xpkNUKE.library   v1.1        xpkRDCN.library   v3.1
    xpkRLEN.library   v1.1        xpkSHRI.library   v1.0
    xpkSMPL.library   v1.0        xpkSQSH.library   v1.10

  SaarAG PD-Serie. Disk N\textdegree{} 488.

  Authors: M. Zimmermann, Christian von Roques, and others.
```

## 1.511   xpr.library

```
   XPR<protocol>.library
  ------------------------
  Part of the XPR protocol movement.

  Includes the following protocols and maybe others.
```

```
Version numbers are:   xprASCII      2.3      xprBPlus      2.0
                       xprBiModem    1.2      xprClock      0.1
                       xprJModem     0.1      xprKermit     2.35
                       xprQuickB     1.2      xprSZModem    1.40
                       xprVMS        0.8      xprXModem     34.34
                       xprYModem     2.2      xprZEdZap     1.00
                       xprZModem     3.1      xprZModem32k  2.0b
                       xprZVoice     1.1      xprZSpeed     2.11
                       xprGate       1.0
```

Documentation on "XPR" Libraries on Fred Fish Disk N\textdegree{} 247.

Authors: Villy Langeveld, Carsten Pluntke, Michael Richardson,
         Russell McOrmond and others...

## 1.512  xte.library

```
 XTE<protocol>.library
-----------------------
```
External Terminal Emulation Libraries.

```
Version numbers are:   XTEANSI       1.0
                       XTEHex        1.0
                       XTETTY        1.0
```

Author : Stefan Stuntz.

## 1.513  ybatch_term.library

```
 YBatch_Term.library   v0.0
----------------------------
```
YModem batch functions.

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

Author : Jeff Glatt, Dissidents Software.

## 1.514  ymodem_term.library

```
 YModem_Term.library   v0.0
----------------------------
```
YModem functions.

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

Author : Jeff Glatt, Dissidents Software.

## 1.515   statistics

```
              Statistics
------------
This "SystemGuide" is version 1.0.

It contains:  67
            Devices
              ( 62 Main-Devices   and  5 Sub-Devices)

             11
            FileSystems
                           72
            Handlers
             ( 69 Main-Handlers  and  3 Sub-Handlers)

            403
            Libraries
            (315 Main-Libraries and 89 Sub-Libraries)

 and was finished 05 Aug. 1994.

                                    Dan Elgaard
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