Unpacker.library Documentation

COLLABORATORS

	TITLE : Unpacker.library Documentation		
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WRITTEN BY		January 18, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

Unpacker.library Documentation

1.1 Contents

```
                    THE UNPACKER.LIBRARY 42.71
         by Safe Hex International 20-11-95

      We hope you will appreciate our work!

   Preface

   Introduction

   Unpack.library have some new unique features

   Unpack.library used in different programs

   Unpack.library used from DirectoryOpus

   Known crunchers and archive programs

   Wanted crunchers

   About Safe Hex International

   Safe Hex bulletin boards

   SHI E-mail addresses

   Bug report form

   Credits

   Finally...
            Programming and design          :  Thomas Neumann,  ←
                SHI
```

1.2 Unpacker.library Documentation

PREFACE:

    The Unpacker and the Unpacker.library program is copyright Thomas
Neumann and Safe Hex International. The unpacker is freeware and
may be freely distributed as long as no changes are made to the
distribution archive.

    We hope a lot of Amiga users will benifit from our work. If you
have any suggestions concerning improvments or unknown crunchers
please let us hear about them!

    There are a lot of different programs in the demo drawer the
average user can use to unpack files with.

1.3 Unpacker.library Documentation

INTRODUCTION

    . Do you want to use a very easy way to unpack
      and decrunch all types of files and archives
      included Lha, Lzx and even DMS!!

    . Do you want a simple and effecient solution?

    . Did you know that no files are safe anymore?

    . Are you aware of the many new trojans and
      viruses are being distributed hidden in
      archives and packed files?

If you can answer yes to these questions – please read on! Furthermore
you will be able to prevent the spreading of future vira and trojan
horses by using our unpacker.library and unpacker program.

1.4 Unpacker.library Documentation

THESE UNIQUE FEATURES DESERVE YOUR SPECIAL ATTENTION

    – The SHI unpack.library is a professional high tech package to
      implement in any program, where you want to use an unpack
      feature.

    – This library knows a lot of different crunchers, about 130
      different crunchers and versions and most remarkabel the Lha,
      Lzx, Lhz, Lharc, LhaSFX, PAK and the
        DMS packers
        too.

     – You can implement this library in your favourite utilities

> like SID, DirectoryOpus or what so ever you like.
>
> – In the package you will find instructions for an easy setup
>   to a already existing program. If you are programmer you can
>   implement the unpacker.library quite free in your own program
>   if you like.

1.5   Unpacker.library Documentation

ATTENTION

Remember to install a RAD: if you want to use the DMS from the unpacker
program to a ramdisk!! You can also use DF0: if you want.

1.6   Unpacker.library Documentation

PROGRAMS WHICH ARE USING OR CAN BE USING THE UNPACKER LIB TODAY

> . Directory Opus, SID, or what ever DirUtility where you want
>   to implement the using of this unpacker program
>
> . Xtruder a new excelent viruskiller special for BBS and
>   harddisk use made by Martin Wulffeld, Denmark.
>
> . Virus Scanner an excelent viruskiller for harddisk use made
>   by Gabriele Greco, Italy.
>
> . AntiCicloVir an excellent viruskiler made by Mathias Gutt,
>   Germany
>
> . Virus Checker an excellent and very popular virus killer
>   made by John Veldhuis, New Zealand.
>
> . Exotic Ripper in the near future :) It's the most ultimative
>   module ripper today made by Mark "Marley" Leitiger and René
>   "Turbo" Trolldenier, Germany.

1.7   Unpacker.library Documentation

USE FROM DIROPUS

If you want to setup a button in DOpus 4.x, you just have to install the
unpUnpack program from the demo drawer. Then you just have to do the
following things:

1) You have to create a button anywhere you want.
2) Enter the Edit mode.
3) Select a new entry and set the type to AmigaDos.
4) Now set the string to this: unpUnpack {O} PATH="{d}" and press return.

5) Now you only have to set these flags:
   CD Source
   Output Window
   Rescan Destination

Now you should have a button. You can select one or more files and press
the button and it will unpack the files to the destination directory (the
other filelist).

You can also use the unpList program. Just make another button, maybe the
right mouse button on the first button. The difference from the other
button is:

1) The string has to be: unpList {O}
2) You have to set these flags:
   CD Source
   Output Window

Oh.... did you rembeber to install the unpacker.library in the LIBS: dir??

1.8 Unpacker.library Documentation

KNOWN CRUNCHERS AND ARCHIVE PROGRAMS

Here is a list over all the crunchers the library can determine and unpack
so far.   The first number in the brackets, are the library version where
this decruncher was implemented. The Second number are the length of the
cruncher (decrunched).

ARCHIVE CRUNCHERS:
==================

Dms (36.30/64640)

Decrunchers are taken from DmsWin 1.11
Can decrunch the following formats:

 -None
 -Simple
 -Quick
 -Deep (There are a bug in this decruncher)
 -Heavy1
 -Heavy2

Dms Encrypted (36.30/64640)

Lha/Lharc (34.0)

LhaSFX (34.0/14884)

```
Lzx (41.60)


P-Compress (42.70/34164)
------------------------
There  is  a  little  bug  in this decruncher. If the file is packed with a
version  of  P-Compress  less  than 2.0, it will say the data is corrupted.
This  is  because  the file format is a little bit different from the newer
versions of P-Compress. I hope I can fix this bug.


PAK 1.0 (34.0/4500)




SINGLE FILE CRUNCHERS
=====================

ANC-Cruncher (36.30/1452)

Black & Decker 2.0-2.1 (34.20/4628)
-----------------------------------
This cruncher is a clone of the ByteKiller 1.3!!

Bob Cruncher 1.b (42.70/11796)
------------------------------
This  cruncher is a clone of the TNM Cruncher 1.1!! He has only changed it
to use VD0:

ByteKiller 1.2-1.3 (34.20/3344)

ByteKiller 1.70 (42.70/3156)
----------------------------
This cruncher is a clone of the ByteKiller 1.3!!

ByteKiller 2.0 (34.20/3788)

ByteKiller 2.03 (42.70/6340)
----------------------------
This cruncher is a clone of the ByteKiller 1.3!!

ByteKiller 3.0 (34.20/2248)

ByteKiller Pro 1.0 (38.40/7600)

ByteKiller Pro 1.0 Killer (38.40/7600)

Chryseis Cruncher 0.9 (42.70/13020)

Cop-Pack 1.0 (42.70/5672)
-------------------------
This cruncher is a clone of the ByteKiller 1.3!!

Crunch Master 1.0 (34.20/3216)

Crunch-Mania 1.4-1.91 (34.20/42108)

Crunch-Mania 1.8-1.91 Huffman (34.20/42108)
```

Crunch-Mania 1.8-1.91 Library (34.20/42108)

Crunch-Mania 1.8-1.91 Library/Huffman (34.20/42108)

Crunch-Mania 1.4-1.91 Simple (34.20/42108)

Crunch-Mania 1.4-1.91 Address (34.20/42108)

Crunch-Mania 1.9t-1.91 Address/Huffman (37.32/42108)

Crunch-Mania 1.4-1.8 Address/Professional (34.20/23524)

Crunch-Mania 1.9t-1.91 Address/Professional (37.32/42108)

Crunch-Mania 1.9t Address/Professional/Huffman (37.32/41932)

Crunch-Mania 1.91 Address/Professional/Huffman (42.70/42108)

Crunch-Mania 1.4-1.91 Data (34.20/42108)

Crunch-Mania 1.9t-1.91 Data Encrypted (42.70/42108)

Crunch-Mania 1.8-1.91 Data/Sample (34.20/42108)

Crunch-Mania 1.9t-1.91 Data/Sample/Encrypted (42.70/42108)

Crunch-Mania 1.8-1.91 Data/Huffman (34.20/42108)

Crunch-Mania 1.9t-1.91 Data/Huffman/Encrypted (42.70/42108)

Crunch-Mania 1.8-1.91 Data/Sample/Huffman (34.20/42108)

Crunch-Mania 1.9t-1.91 Data/Sample/Encrypted (42.70/42108)

Crunch-o-Matic 1.0 Data (42.70/29472)

Crunch-o-Matic 1.0 Execute (42.70/29472)

Crunch-o-Matic 1.0 Module (42.70/29472)

Crunch-o-Matic 1.0 Picture (42.70/29472)

Crunch-o-Matic 1.0 Text (42.70/29472)

Defjam 3.2-3.6 (34.20/13780)

Defjam 3.2-3.6 Pro (34.20/13780)

Discovery File Imploder 1.0 (36.31/5264)

Double Action 1.0 (34.20/32048)

DragPack 1.0 (34.20/6592)

DragPack 2.52 (38.40/14248)

```
DragPack 2.52 Data (38.40/14248)

FlashSpeed 1.0 (37.32/4124)

GnuPacker 1.0 Data (34.0/57176)

GnuPacker 1.0 Object (34.0/57176)

GnuPacker 1.1-1.2 Object One Segment (34.0/59028)

GnuPacker 1.1-1.2 Object Two Segment (34.0/59028)

GnuPacker 1.1-1.2 Data (34.0/59028)

High Pressure Cruncher (34.20/6936)

High Pressure Cruncher Unlinked (34.20/6936)

House 1.4 (RSI-Packer) (34.20/5180)

HQC Cruncher 2.0 (36.31/9544)

IAM Packer 1.0 ATM5 (34.20/21772)

IAM Packer 1.0 ATM5/Data (34.20/21772)

IAM Packer 1.0 Ice (34.20/21772)

IAM Packer 1.0 Ice/Data (34.20/21772)

Imploder 1.0-3.1 (34.11/74536)

Imploder 1.0-3.1 Protected (34.11/74536)

Imploder 1.0-3.1 Overlayed (42.70/74536)

Imploder 1.0-3.1 Overlayed Protected (42.70/74536)

Imploder 1.0-3.1 Library (34.11/74536)

Imploder 1.0-3.1 Library Protected (34.11/74536)

Imploder 4.0 (34.11/133704)

Imploder 4.0 Overlayed (42.70/133704)

Imploder 4.0 Library (34.11/133704)

ISC 1.5 Pass 1 (34.20/15648)

ISC 1.5 Pass 2 (34.20/15648)

ISC 1.5 Pass 3 (34.20/15648)

LightPack 1.5 (42.70/1420)

Master Cruncher 3.0-3.1 (34.20/14020)
```

Master Cruncher 3.0-3.1 Address (34.20/14020)

MaxPacker 1.2 (36.30/5564)

MegaCruncher 1.0 (34.20/10846)

MegaCruncher 1.2 Address (34.20/17196)

MegaCruncher 1.2 (34.20/17196)

This is a very bad cruncher, because it make some wrong lengths in the
hunk header. Therefore will the library try to decrunch the file as an
object file, but if it fails, an error will be returned.

P-Compress Data (37.32/34164)

See P-Compress above for bug report.

PackIt 1.0 (34.20/45908)

PackIt 1.0 Data (34.20/45908)

PHD (42.70/5540)

PMC (36.30/3432)

PowerPacker 2.x (34.0/53660)

PowerPacker 2.3 Master (40.55/53660)

PowerPacker 3.0 (34.0/64956)

PowerPacker 3.0 Encrypted (34.0/64956)

PowerPacker 3.0 Overlay (34.0/64956)

PowerPacker 3.0 Master (42.70/64956)

PowerPacker 3.0 Master Encrypted (42.70/64956)

PowerPacker 3.0 Master Overlay (42.70/64956)

PowerPacker 4.0 (34.0/71616)

PowerPacker 4.0 Encrypted (34.0/71616)

PowerPacker 4.0 Overlay (34.0/71616)

PowerPacker 4.0 Library (34.0/71616)

PowerPacker 4.0 Library Encrypted (34.0/71616)

PowerPacker 4.0 Library Overlayed (34.0/71616)

PowerPacker Data (34.0/71616)

PowerPacker Encrypted Data (34.0/71616)

PowerPacker LoadSeg (34.0/71616)

ProPack (RNC) Mode 1 (42.70/28820)

ProPack (RNC) Validate Mode 1 (42.70/28820)

ProPack (RNC) Key Mode 1 (42.70/28820)

The 16 bit key can be entered in either decimal or hexadecimal. If you
want to enter it in decimal, just write the number as the password.
Hexadecimal you have to write a "0x" or "$" sign in the beginning of the
number. The library will automatic convert to the 16 bit key and give it
to the decruncher routine. This is valid for the other key-crunched data
too.

ProPack (RNC) Validate Key Mode 1 (42.70/28820)

ProPack (RNC) M68000 Mode 1 (42.70/28820)

ProPack (RNC) M68000 Validate Mode 1 (42.70/28820)

ProPack (RNC) M68000 Key Mode 1 (42.70/28820)

ProPack (RNC) M68000 Validate Key Mode 1 (42.70/28820)

ProPack (RNC) Data Mode 1 (42.70/28820)

ProPack (RNC) Data Key Mode 1 (42.70/28820)

ProPack (RNC) Mode 2 (42.70/28820)

ProPack (RNC) Validate Mode 2 (42.70/28820)

ProPack (RNC) Key Mode 2 (42.70/28820)

ProPack (RNC) Validate Key Mode 2 (42.70/28820)

ProPack (RNC) M68000 Mode 2 (42.70/28820)

ProPack (RNC) M68000 Validate Mode 2 (42.70/28820)

ProPack (RNC) M68000 Key Mode 2 (42.70/28820)

ProPack (RNC) M68000 Validate Key Mode 2 (42.70/28820)

ProPack (RNC) Data Mode 2 (42.70/28820)

ProPack (RNC) Data Key Mode 2 (42.70/28820)

Relokit 1.0 (34.20/7952)

S-Exec 1.1 (38.40/7900)

SoundTracker Packed Song (42.70/2084)

```
Spike Cruncher (34.21/6920)

Stone Cracker 2.70-2.71 (36.30/5804)

Stone Cracker 2.70-2.71 Kill (36.30/5804)

Stone Cracker 2.92 (37.32/4944)

Stone Cracker 2.99 (37.32/5712)

Stone Cracker 2.99c-2.99d (34.1/5188)

Stone Cracker 3.00 (39.51/9640)

Stone Cracker 3.00 Kill (39.51/9640)

Stone Cracker 3.00 Data (39.51/9640)

Stone Cracker 3.10 (36.30/11740)

Stone Cracker 3.11 (34.1/11516)

Stone Cracker 4.00 (34.21/10836)

Stone Cracker 4.00 Data (34.21/10836)

Stone Cracker 4.01 (34.21/20736)

Stone Cracker 4.01 Address (34.1/20736)

Stone Cracker 4.01 Data (34.21/20736)

Stone Cracker 4.01ß Address (38.40/20692)

Stone Cracker 4.02 (36.30/13720)

Stone Cracker 4.02 Library (36.30/13720)

Stone Cracker 4.02 Address (36.30/13720)

Stone Cracker 4.02 Data (36.30/13720)

Stone Cracker 4.10.2-4.10.3 (38.40/31984)

Stone Cracker 4.10.2 Library (38.40/31908)

Stone Cracker 4.10.3 Library (42.70/31984)

Stone Cracker 4.10.2-4.10.3 Address (38.40/31984)

Stone Cracker 4.10.2-4.10.3 Address/Plain (38.40/31984)

Stone Cracker 4.10.2-4.10.3 Address/Professional (38.40/31984)

Stone Cracker 4.10.2-4.10.3 Data (38.40/31984)

Super Cruncher 2.7 (34.21/6772)
```

```
Supplex Cruncher (42.70/17100)
------------------------------
This cruncher is a clone of the MegaCruncher 1.2!!

Syncro Packer 4.6 (34.21/5456)

Syncro Packer 4.6 Professional (34.21/5456)

Syncro Packer 4.6 Raw (34.21/5456)

Syncro Packer 4.6 Raw/Professional (34.21/5456)

TetraCrunch 1.02 (34.1/4684)

TetraCrunch 1.1 (34.1/5400)

TetraPack 2.1 (34.1/7212)

TetraPack 2.1 Pro (34.1/7212)

TetraPack 2.2 (34.1/7480)

TetraPack 2.2 Professional (34.1/7480)

TFA Cruncher 1.54 (38.40/12652)

Time Cruncher 1.7-2.2 (34.1/5648)

Tip Cruncher 1.1 (42.70/11796)
------------------------------
This  cruncher  is  a clone of the TNM Cruncher 1.1!! I think he just have
changed the name, because the size of the cruncher are the same!!!

Titanics Cruncher 1.1 (34.1/110508)

Titanics Cruncher 1.2 (34.1/117284)

TNM Cruncher 1.1 (34.21/11796)

Trash Eliminator 1.0 (38.40/55476)

TryIt 1.01 (34.1/10828)

TUC 1.16d (42.70/21268)

TurboSqueezer 6.1 (37.32/6536)

TurboSqueezer 8.0 (34.1/10560)

TurboSqueezer 8.0 Small (34.1/10560)

Turtle Smasher 1.3-1.41 (34.1/12108)

Turtle Smasher 2.00 (36.30/23640)

Turtle Smasher 2.00 Data (36.30/23640)
```

```
Ultimate Packer 1.1 (38.40/55360)

XPK (40.55)

XPK Encrypted (40.55)
```

1.9   Unpacker.library Documentation

```
WANTED CRUNCHERS (18-09-95)

BinHex 4.0 .HQX ( Not only one file type is recognized)
Bytekiller 1.0
Compacker+ V4.2
Crunch-O-Matic V1.1
DefJam Cruncher 1.0
Diskcruncher
DragPack 1.1
DRAGPACK 2.25 Pro
Dr Dobbs Data
FCG 1.0
Freeway 0.7
HQC-Cruncher 1.0
HQC-Compress
Kompress (only txt.)
LeCrunch
LzHuf
LZW Compressor
Mastercruncher by PVL
Mega Crunch (not same as next)
Mega Crunch 1.0
Mega Cruncher R
Mega Cruncher 1.0
RDM-Packer  (Data=RDM, Executable=Compress)
SUP
TetraCrunch 1.2
Time Cruncher 1.2
TWPACK 2.1      Data
TWPACK Pro 1.0   Data
Ultimate Cruncher 1.16
Ultimate Packer 1.1b
```

1.10   Unpacker.library Documentation

```
HOW TO HELP YOUR SELF

We need your support too! - concerning new viruses and chrunchers for new
future updates.

                  We  are thinking that you can see how important your
                  support is too if you are using one of the following
                  programs,  which are using our anti-virus.libraries:
```

. Virus Checker by Johan Veldthuis

. Virus Scanner by Gabriele Greco

. Fides Professional by John Lohmeyer

. DMS by ParCon Software

. Virus Info Base by Safe Hex International

. D-Copy by Stefan Bernbo

. X-Copy by Cachet Software (commercial)

. Xtruder BBS virus killer by Martin Wulffeld

. MT-Copy by Gert-Jan Strik

. Harboot virus analyser by Martin Harbo

. Bootwriter by Ralf Thanner

. DMSChecker by Martin Wulffeld

. AntiCicloVir by Mathias Gutt

ATTENTION: ARE YOU USING SOME OF THE ABOVE PROGRAMS, YOU HAVE OF COURSE
INTERREST TO HELP US, SO WE WE CAN HELP YOU TOO. THEREFORE REMEMBER TO
SEND ALL NEW VIRUSE TO SHI FOR FUTURE UPDATES.

                                            THANK YOU VERY MUCH AND REGARDS

1.11 Unpacker.library Documentation

ABOUT SAFE HEX INTERNATIONAL

If you know a virus programmer you can get a reward of $ 1000 for
supplying his name and address. The fact is that the law punishes data
crime very severely. (5 years in jail in most countries).

We are an international group with more than 500 members who have started
trying to stop the spread of virus. Let me give you some example:

        . Our organisation "Safe Hex International", SHI, is a grass
          roots movement, which started in 1987 with Amiga computers.
          Today we are an organisation with around 600 members, who are
          all more or less involved in our work.

        . The SHI motto is: "Safe Hex", who dares do anything else today?

. SHI run non-profit, based on friendship and fairness.

. A virus bank containing more than 1800 Amiga and PC viruses
  for supporting good shareware antivirus programs.

. We help people to get money back lost by virus infection.

. We write articles about virus problems for about 20 computer
  magazines worldwide.

. We release the newest and the best virus killers around from
  wellknown programmers worldwide.

. We have more than 35 PC and Amiga "Virus Centers" worldwide
  where you can get free virus help by phoning our "Hotline", and
  get the newest killers translated in your own language at very
  little cost reflecting the Fred Fish prices.

For more information contact:

```
        SAFE HEX INTERNATIONAL          (Please send 2 "Coupon-Response
        Erik Loevendahl Soerensen       International" and a self addres-
        Snaphanevej 10                  sed envelope, if you want infor-
        DK-4720 Praestoe                mation about SHI by letter).
        Denmark
        Phone: + 45 55 99 25 12
        Fax  : + 45 55 99 34 98
```

1.12   Unpacker.library Documentation

SAFE HEX INTERNATIONAL BULLETIN BOARD SUPPORT

    * PROGRAMMER'S RESORT - SHI Main BBS
       SysOp: Alex Holst

       ZyXEL: 45-98380575   ISDN: 96869090

       We hope to be running V34 soon...

       Login as 'Guest' with password 'Guest' for easy download of
       viruskillers and anonymous upload of vira.

    * DAN BBS is one of the best and biggest BBS in Europe
       CoSysOp: Anti-Virus PC & Amiga: Erik Loevendahl

       Server: 486DX2-66,32mb-RAM,Adaptec 2842VL
       Micropolis 1528+4110 (Micro2:86127799)
       Total harddisks: 4.3 GIGA,
       2/8 Giga Sony DAT streamer

```
        CD-Server: 386-40mhz,4MB, 18 CD's online
        ISDN workstation: 386-40mhz, 4MB, TELES


        Total 14 GB on-line
        (More than 30 PC's in system)

        Linie  1 payment line          42643990  V-Fast 28.8
        Linie  2                       43628230  ZyXEL/v32bis
        Linie  3                       43627750  ZyXEL/v32bis
        Linie  4                       43625880  ZyXEL/v32bis
        Linie  5-19 payment lines!     4362XXXX  ZyXEL/v32bis
        Linie 20                       42643827  V34/VFC 28.8
        Linie 21                       43621655  VFC 28.8
        Linie 22+23                    43661070  ISDN


        DAN BBS fax:               42643357 Group 3



        What to do:

        Do  you  wish to contact our SHI free anti-virus areas for uploads
        of  new virus or download of the newest SHI anti-virus stuff type:

        "Guest", "Guest" (for free files), and "V" (for the SHI anti-virus
        free area)



    *   IDENTITY UNKNOWN BBS
        (Swedish SHI support)

         SysOp Andreas Johansson

         BBS: +46-(0)36-187803  VFC 28.8, Running CNet


        IF YOU HAVE A MODEM PLEASE SEND NEW VIRUSES AND CRUNCHERS DIRECT
        TO  OUR  BBS  WITHOUT YOUR HELP THERE HAVE BEEN NO VIRUS KILLERS
        TODAY, BE QUITE SURE!


        Always the newest anti-virus stoff and a lot of texts
        concerning data security. You are welcome, to get any
        virus problem solved by our worldwide virus "HOT-LINE"
        if you contact some of our local virus centers too.
```

1.13   Unpacker.library Documentation

```
SAFE HEX E-MAIL ADRESSES


- Alex Holst Internet support              : i1g@dc5101.aalborges.dk


- Lars Stockholm, SHI Packet Radio support : OZ1GYQ@OZ4BOX.SAX.LOL.DNK.EU
```

- Andreas Johansson, swedish SHI support   : andreas_johansson@augs.se

- Erik Loevendahl, Virus AmyNet support   : 39:141/127.17

- Thomas Neumann, the unpack.lib programmer: E-Mail: tax@fiol.nbrock.dk

1.14   Unpacker.library Documentation

BUG REPORT FORM

    If you happen to find a bug in the unpacker library please fill out the
    bug report form below and send it to me. Please be sure to have read
    this documentation before jumping to any conclusions.

> Cut here <

                         BUG REPORT FORM   DATE:

NAME:

ADDRESS:

COUNTRY: PHONE:

WHICH PROGRAM: VERSION:

YOUR MACHINE CONFIGURATION (use Sysinfo):
----
1. Amiga 500   Amiga 600   Amiga 1000
    Amiga 2000 A   Amiga 2000 B   Amiga 2000 C
    Amiga 2500   Amiga 3000   Amiga 4030
    Amiga 1200   Amiga 4040

2. 1/2 MB chipmem   Fat Agnus (old) 8371 A
    1/1 MB chipmem   Big Agnus (Fatter) 8372 A
    2/1 MB chipmem   ECS Agnus (Hires) 8372 B
    Fast RAM   Total RAM

3. Denise (old) 8362   ECS Denise (new) 8363

4. Kickstart 1.2   Kickstart 1.3   Kickstart 2.0   Kickstart 3.0
    Softkick ?.?

5. Special Boards and like (e.g. AT-Card, Action Replay, Turbo Card):

```
6.   How old is your Amiga?

7.   Where did you get unpacker.library?

------------------------------------------------------------------------

Details of the bug:
-------------------
```

```
Guru code:
```

```
The name of the unknown cruncher:
(Remember to send this unknown cruncer too, if.. possible)

------------------------------------------------------------------------
> Cut here <
```

```
We  are really hope you can use this library.  See also the Unpack.IFF file
to see how to construct your program.
```

```
Please  remember  if  you  find any bugs in the library or if you have some
crunchers  there  are  not  implemented  in  the library, please send a bug
report  or  the  crunchers  to me, thanks!  See in the "WantedHelp" for more
info!
```

```
 WE NEED YOUR HELP TO GET THIS LIBRARY EVEN BETTER, THANK YOU VERY MUCH!
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1.15 Unpacker.library Documentation

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1.16   Unpacker.library Documentation

FINALLY..

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