

PPack

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| COLLABORATORS |
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| <i>ACTION</i> | <i>NAME</i> | <i>DATE</i> | <i>SIGNATURE</i> |
| WRITTEN BY | | January 8, 2025 | |

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| REVISION HISTORY |
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Chapter 1

PPack

1.1 PPack - Fast PowerPacker Data Cruncher and Decruncher

PPack - Fast PowerPacker Data Cruncher and Decruncher

COPYRIGHT
DISCLAIMER
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1.2 copyright

COPYRIGHT

PPack
Freeware © 1992, 1993 by Boris Folgmann
All Rights Reserved

powerpacker.library © Nico François.

Kickstart 2.04 and Workbench 2.0 are Copyright © 1985-1993
Commodore-Amiga, Inc.

1.3 disclaimer

DISCLAIMER

This software package is freely distributable, as long as no files are modified or removed from the archive.

This software and information is provided "as is". No representations or warranties are made with respect to the accuracy, reliability, performance,

currentness, or operation of this software and information, and all use is at your own risk. The author doesn't assume any responsibility or liability whatsoever with respect to your use of this software and information.

1.4 contents

CONTENTS

This software package consists of the following files:

| | |
|--------------------------|---|
| PPack | - the program itself |
| PPack.guide | - this hypertext for AmigaGuide |
| Rexx/PPDecrunch.ced | - an ARexx script to decrunch files loaded into CED |
| Libs/powerpacker.library | - the library needed by PPack |

1.5 description

DESCRIPTION

PPack is a fast PowerPacker data cruncher and decruncher. The size of the speedup buffer is chosen depending on the available memory.

PPack requires Kickstart 2.04, Workbench 2.0
COPYRIGHT}, powerpacker.library V35 or better.

PPack contains an embedded version id in CBM format which can be shown using the Shell command VERSION of Workbench 2.0.

1.6 usage

USAGE

Usage: PPack <srcfile> {<srcfile>} [TO <destdir>] [EFFICIENCY 1-5]
[NOSUFFIX] [NOPER] [NODEL] [DECRUNCH] [COPYFILENOTE]

Template:

FROM/A/M, TO/K, EFF=EFFICIENCY/N, NOPP=NOSUFFIX/S, NOPER/S, NODEL/S, DECRUNCH/S

PPack loads <srcfile>, if it fails PPack tries to load <srcfile>.pp. The file is decrunched, if it was already crunched with PowerPacker. Filename and size are shown. Then it's getting packed with 'BEST' if no other efficiency is specified. The largest available speedup buffer is used. This means that PPack adapts itself dynamically to the available free memory.

While packing the percentage of the already processed bytes is shown, if NOPER is not given in the commandline. Additionally the ratio between the packed file and the source file is shown in percent. Here you can hit ^C (CTRL+C) to stop the program, in this case no file is saved and the program exits with returncode 10.

After crunching the crunched size and the compression ratio are shown. The file is saved as <srcfile>.pp and the original <srcfile> is deleted. If NOSUFFIX is given as an argument no '.pp' will be added at all. If the sourcefile already terminates with '.pp' no suffix is added (Useful to recrunch files at higher efficiency). If an write error occurs the destination file is removed.

Using the TO keyword you are able to specify a different destination directory for the packed files.

If an error happened PPack will fail with returncode 20.

For online help run PPack without any arguments to get a short description of the options. Or use PPack ? to get the command template in AmigaDOS style.

1.7 arexx

AREXX

The ARexx script is used to decrunch powerpacked files after loading them into CygnusEd. You will see 'PP20' in the first line of the text, when it's powerpacked. Use 'Send Dos/ARexx command...' to run the script. If the script doesn't find the 'PP20' in the first line a requester will come up telling you that this isn't a Powerpacker data file. The script uses two temporary files in T:. This path has to be changed if you assigned T: to RAM:T but have got not enough memory.

For permanent use of the script, use any key you want as a macro invocation to call 'Send Dos/ARexx command...' or install it with 'Install Dos/ARexx command...' to a Functionkey.

1.8 history

HISTORY

- 1.1 (12.9.92) release
First relase of a 'one evening hack'.
 - 1.12 (14.9.92)
BUG fixed: PPack 1.1 crashed with long filenames.
Sorry, but nobody is perfect... and NO DAMNED LINKLIB! (Aaaaarrgh!)
(Thanks to K. Weiß for reporting this bug. Sorry for crashing your HD... ;-)
 - 1.13 (15.9.92)
Now using Doslib's ReadArgs: Parameters are parsed in standard template. PPack will now only start on systems equipped with OS 2.
 - 1.14 (16.9.92) release
New options (destination file, NOSUFFIX/S, NOPER/S) implemented.
 - 1.18 (3.10.92) release
-

New options:

NODELETE/S - Don't delete source after writing destination.
DECRUNCH/S - Decrunch source to destination. If no destination is given source is taken without '.pp'. May be used to copy uncompressed files.

Existing icons (source.info) will now be renamed.

Now using full DOS 2 power: much shorter and faster.

A comment is appended to the (de)crunched file documenting the action.

1.19 (4.10.92)

Implemented verbose errormessages with PrintFault() and IoErr().

1.20 (15.10.92)

Corrected libopen code. Now using SysBase.

1.21 (14.11.92)

The revision number will now be incremented on each compilation!

Dropped NOPERCENTAGE/S and NODELETE/S. Use NOPER/S and NODEL/S instead.

1.36 (14.11.92) release

You are now able to specify more than one sourcefile.

If you want the packed files to be placed in an other directory than the current dir you are able to use the 'TO' keyword.

example:

'PPack alpha beta' will crunch alpha and beta to the current dir.

'PPack alpha beta TO ram:' will crunch alpha and beta to ram.

1.37 (4.11.92) release

Converted PPack.doc (ASCII Doc) to PPack.guide (AmigaGuide Doc).

Code totally revised (now shorter)!

1.48 (4.1.93) release

Now almost no startupcode -> shorter and faster, but CLI/Shell only and not pure.

1.50 (15.1.93)

Bugfix: Problems with multiple files in decrunch mode. (TNX Uli)

1.53 (15.2.93) release

Added COPYFILENOTE/S. When specified copies comment of source file to destination file.

1.57 (22.2.93) release

Now full CTRL^C support for multiple files in crunch and decrunch mode!

1.60 (23.2.93) release

Added ^E and ^F to abort crunching only.

1.9 contact

CONTACT

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V.32bis 14.4 or HST 16.8
with ASL/V.42bis