

DerCruncher

COLLABORATORS

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REVISION HISTORY

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Chapter 1

DerCruncher

1.1 DerCruncher version 1.04 FreeWare

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Background
Installation
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Important!

1.2 Why DerCruncher?

DerCruncher is a simple program written to allow a quick painless interface to Cli archive programs. It works best if left on a Dock or sitting on the WorkBench. DerCruncher doesn't hang around in your system when you are not using it, but it does remember what you were doing between calls.

DerCruncher makes it easy to use large archives of pictures or text by simply clicking on the archive and selecting which files to decompress. See the AUTO_EXTRACT & AUTO_LIST ToolTypes in SetUp for more info.

DerCruncher becomes more useful if ReqTools and ToolMgr are available. These great programs give a more useful ASL, and DropIcon abilities.

IN THE WORKS (maybe)

An advanced options window allowing users to use gadgets to select how the archiver will work. Online help available for users with 3.0+

NEW FEATURES/CHANGES SINCE 1.0

- rewrote decompression sequence, now changes dir to allow more files to be sent to lha at once.
 - added ENV: vars to allow DerCruncher to remember where it was the last time it was called.
-

- added intro sound feature using datatypes lib. IFF sample provided.
- added support for ARC, ZOO doesn't want to work!?!)
- added AUTO_LIST feature, click icon to list and extract
- fixxed bug in List which didn't delete old list if user canceled operation.
- added AUTO_EXPAND feature, click icon to extract archive
- QUIET ToolType for no output.
- Archive icons now check env:sys/def_lharc for user pref

1.3 Installation

Simply drag DerCruncher into your system:Utilities/ drawer then see the section on ToolTypes for program setup. DerCruncher requires OS version 2.0 or better to run, and 3.0+ to use the startup sound feature.

1.4 About DerCruncher

DerCruncher uses standard ASL requestors and EasyRequestors to guide you thru the de/compression process. It was designed to be simple, yet flexible enough to give access to some of the archivers more powerful functions. Currently DerCruncher works nicely with Lha and to a lessor degree Lzh. DerCruncher will also decompress Arc files when incountered, but will not compress with Arc. Zoo does not work well with DerCruncher, stealing memory and locking up, so I don't advise using it.

1.5 Setting ToolTypes for DerCruncher

DerCruncher makes use of ToolTypes to set default program information as follows:

```
IN_DIR=          <--   This the default dir for input files.
OUT_DIR=         <--   ''          '' output files.
CRUNCHTYPE=      <--   Name of compression program to use. Must be in your
                     C: directory. Do not include path.
MAKE_OUT         <--   Flag DerCruncher to create a new dir when decompressing
                     files. Helpfull if you are decompressing several
                     archives at once.

REJECT_ICONS     <--   Flag DerCruncher to hide icons in ASL.
IN_SWITCHES=     <--   Used while compressing files.
OUT_SWITCHES=    <--   Used while decompressing files.
```

These allows you to set advanced options for your compressor. Enter values just as you would on the command line (-D -N -r ...).

**DerCruncher does NO parsing of the switches enter them with care.

AUTO_EXTRACT <-- Archives created by DerCruncher have this ToolType which allows decompression by double clicking the archive's icon. The output directory is read from the OUT_DIR tooltype.

AUTO_LIST <-- Like AUTO_EXTRACT but puts DerCruncher in list mode Useful for extracting single files from commonly used archives.

SAMPLE= <-- Full path to a sample to be played as the program starts. This is optional of course, and requires DataTypes be avail on the system.

VOLUME(0-64)= <-- Set volume for above sample. Out of range values result in no sound.

QUIET= <-- Set this to the no output value for the compressor in use. -q for Lha and -N for Lz

1.6 How to use DerCruncher

A quick run thru...

Start DerCruncher from the workbench, you are presented with four options. Select an option. DerCruncher goes to work then returns to the original options requestor. Select cancel when you are finished.

Compress	Decompress
List	Cancel

1.7 COMPRESS:

Select compress, from the ASL you may now select the files you wish to compress. Remember the ASL does not accept files from multiple directories. If you select Cancel you will return to the main menu this is the always the case.

After you've selected the files, a Save ASL prompts you for a location in which to save a new archive. Select a directory and enter a name for a new archive in the file area. A file extension is not needed. Click OK and DerCruncher will create a new archive and create an icon for it.

If you select an existing archive DerCruncher will attempt to add files to it, or update files to it.

****IMPORTANT****

If you DO NOT specify a name for your archive DerCruncher will create a SEPERATE archive for EVERY file you selected. The archives name will be based on the original files name. Most of the time you will want to supply an archive name.

1.8 DECOMPRESS:

From the ASL select any archives of the appropriate type for decompression. A Save ASL will prompt you for an output directory. If you wish to create a new directory type its name into the requestor and DOS will create it for you. Click OK and DerCruncher will decompress all the archives you selected into this directory.

****Special function-** most of the time you don't want all the files from x-number of archives thrown together. If you have the MAKE_OUT ToolType in DerCrunchers Info window, it will create new directories for each archive INSIDE the directory you specified in the Save ASL.

1.9 LIST:

These functions only work with Lha in the 1.04 version of DerCruncher

Ok, now we have some features not found elsewhere. Select LIST and the ASL will prompt you for ONE Lha|Lzh archive to list.

You will now see another requestor asking if you wish to DELETE or EXTRACT files from the selected archive.

If you select DELETE an ASL will prompt you for which files you wish to delete, and then delete them.

If you select EXTRACT an ASL will appear and prompt you to select which files in the selected archive you wish to decompress.

A third ASL will prompt you for an output directory. If you wish to create a new directory type its name into the requestor and DOS will create it for you. DerCruncher will then decompress the selected files one at a time and place them in the selected directory. Note that the files will maintain their original path, as supported by the archiver used. Also be aware that the file size given in the archive list is bogus due to internal usage.

****Possible problems-** I choose to list archives without sub-directories so as to allow decompressing files from different sub-directories at the same time. This could cause problems!?!)

1.10 CANCEL:

Uh... it cancels DerCruncher.

1.11 BUG REPORTS:

Please Email (bix:rblackadder) me your name the Kickstart and Workbench versions you are using (About.. in the Workbench menu) and what machine. Then just tell me what happened!

1.12 Important Information

It must be pointed out the DerCruncher is NOT an archiver it is simply an interface for CLI based archive programs. These archivers should be available were you got this program and must be in your C directory for DerCruncher to work. Currently the program only works when using Lha, Lzh and Arc. Please see the documents contained with these programs for details on how they work and advanced options. Error information and the archivers progress are shown in the output window. This information is simply redirected from the archivers normal output. See documentation included with archiver used for more information. DerCruncher does not handle errors that occur within the archiver program. It will also allow you to input garbage information which may have bad results.

DerCruncher is being distributed as Freeware. It may be freely distributed to any bulletin board service or network. Before including DerCruncher in a ↵ published collection please contact me to make sure you have the latest version.

Note- DerCruncher is NOT public domain. The author retains all rights to the program.

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by Robert S. Blackadder
send comments to bix:rblackadder