

ArcMaster

Tero Oinas

COLLABORATORS

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| | <i>TITLE :</i> ArcMaster | | |
| <i>ACTION</i> | <i>NAME</i> | <i>DATE</i> | <i>SIGNATURE</i> |
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REVISION HISTORY

| NUMBER | DATE | DESCRIPTION | NAME |
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Chapter 1

ArcMaster

1.1 ArcMaster 0.72 Documentation

ArcMaster 0.72
- Archive Handling Utility for BBS Usage -
by Tero Oinas

Description

What is ArcMaster?

Legal stuff

Important!

Registerering

Registering ArcMaster.

Installation

How to install ArcMaster?

Usage

How to use ArcMaster?

Author

Contact me.

Thanks

Thanks!

History

Version history.

1.2 What is ArcMaster?

ArcMaster is an BBS utility which allows users to view and handle

archives online. With ArcMaster BBS users can for example :

- View contents of files in archives. For example with MoreText (included) users can read text files and AmigaGuides inside archives!
- Pack selected files to a new archive. This new archive is then be placed into user's home directory for downloading or further processing.
- Extract files from archive. These files are also placed in user's home directory for downloading / processing.

SysOp can add own commands to do different things with files in archives or with the archive itself. These commands can be protected with access restrictions (mask system), so you can have commands which can be executed only locally etc...

ArcMaster can be made to work under any good BBS software, which supports running of DOS programs and has some kind of user home directory or similar system.

1.3 Legal Stuff

ArcMaster software and it's documentation are Copyright 1994 (C) Tero Oinas. This version of ArcMaster can be freely distributed, provided that all included files are distributed together and unmodified. ArcMaster can be distributed in CD-ROMs or other software collections, provided that no special fee is charged for ArcMaster (it must have the same value as other programs in the collection.)

ArcMaster's keyfiles must not be distributed.

NO WARRANTY

THIS SOFTWARE IS DISTRIBUTED IN THE HOPE THAT IT WILL BE USEFUL, BUT WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE SOFTWARE IS WITH YOU. THE AUTHOR IS NOT LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE SOFTWARE.

1.4 Registering ArcMaster

ArcMaster is ShareWare. It means that you can freely test it for 30 days, but if you are going to use it regularly (let your users use it in you BBS etc.) you must pay registration fee. This fee is 10 USD or 50 FMK (Finnish Marks). No other currencies are accepted.

If you register, you will receive a key file which will remove the annoying delay when quitting the ArcMaster.

Send money for registration (CASH!) to the following address:

Tero Oinas
Aarnintie 7 C 20
95420 Tornio
Finland

I won't take responsibility if the money is lost in delivery.

With the money, include a note which contains at least following information:

- Your name
- Your postal address
- Your internet address (if exists)

There are two ways you to receive your key file:

1) By Internet E-MAIL.

If you have a reliable Internet address, which can receive (small) UUencoded file and you have the ability to decode this file, state that you want to receive your keyfile this way and include your internet address which is to receive the keyfile. This is the fastest and preferred way.

2) By snail-mail in disk.

Along with the money, send a pre-formatted disk.
I will copy the keyfile to the disk and send it to your postal address.

Copy the received ArcMaster.key file to L: directory.
DO NOT DISTRIBUTE THE KEYFILE!

1.5 Installation

ArcMaster has not been writted for any specific BBS program so the installation varies on different systems.

If you are using DLG BBS system look in Install_DLG directory for things needed for installation (Thanks Erno!)

Here are some guidelines for installing ArcMaster on any system:

Copy the ArcMaster.config file in S: directory and edit it to suit your BBS software. The config file is full of comments to help you in configuring.

You must copy ArcMaster executable to suitable directory and do all required configuring in your BBS software. Consult your BBS manual on how to use DOS doors (or similar) from BBS.

ArcMaster has following command line template:

```
ARCHIVE/A,WORKDIR/A,DEST/A,TMPDIR/A,MASK/K,LINES=L/N/K
```

ARCHIVE

WORKDIR

DEST

TMPDIR

MASK

LINES

You should also allow users to access online help guide. With normal configuration, this would be achieved by copying the ArcMaster.guide into HELP:English/ directory.

1.6 Command line: ARCHIVE

This specifies the full pathname to the archive to process.

Example entry:

```
BBS:Files/Utils/test.lha
```

There is no default, you must specify this.

1.7 Command line: WORKDIR

WORKDIR specifies full pathname to work directory for current ArcMaster process. If you run multiple ArcMasters at the same time, they all must have different work directory.

If specified directory already exists, it must be empty. If the directory doesn't exist, ArcMaster creates it.

ArcMaster deletes all contents of work directory and it's subdirectories. Depending on the DeleteWorkDir entry in ArcMaster.config file, ArcMaster will also remove the directory itself.

Example entry:

```
BBS>User/John_Doe/ArcWork
```

There is no default, you must specify this.

1.8 Command line: DEST

DEST specifies the destination. This is not necessarily a directory. ArcMaster doesn't itself use this string for anything, it just passes it to Upload command.

For example, there could be following entry in your ArcMaster.config file :

```
Upload: Copy %s %d QUIET NOREQ
```

The %d in the string is replaced with DEST command line argument.
The %s is the source filename.

There is no default, you must specify this.

1.9 Command line: TMPDIR

TMPDIR specifies the temporary directory used in packing selected files from archive to a new archive, which will then be uploaded to user with Upload string.

Because this directory is used for a very short time, it doesn't have to be different for each running ArcMaster.

ArcMaster doesn't create this directory, so it must exist.

Default is T:

1.10 Command line: MASK

MASK is used with external commands to determine if user is allowed to execute some commands.

There is a line in ArcMaster.config file for each external command which specifies the MASK needed for command. "*" in the ArcMaser.config means that the command may be executed by anyone. Otherwise the MASK command line string must be the same as specified in config file to run the command.

Default is empty string. (No mask.)

1.11 Command line: LINES

LINES specifies the number of lines to use. You should use this argument to pass the number of lines from user's profile to ArcMaster.

Default is 24.

1.12 How to use ArcMaster?

Press Q to quit reading this help text.
While reading use cursor keys to move around, TAB and P keys to move
between links and RETURN to jump to a new place. Press '-' to "undo" jumps.

How to use ArcMaster?

Use up and down cursor keys to move around. Press '7' key to go to
first entry and '1' key to go last entry.

Press SPACE to tag or untag current entry for
PACKING

If current entry is a directory, all files in it and it's
subdirectories will be tagged (or untagged).

Press TAB to tag or untag current entry for
EXTRACTING

If current entry is a directory, all files in it and it's
subdirectories will be tagged (or untagged).

Press RETURN to
VIEW
contents of a file.

Press C to clear all tags.

Press P to
PROCESS
tagged files.

Press Q to quit ArcMaster without processing tagged files.

H key displays this text.

1.13 PACKING

All files which are tagged for PACKING, are archived with your chosen
packer into a single file. This file will be uploaded to your home directory.

1.14 EXTRACTING

All files which are tagged for EXTRACTING, will be uploaded
separately without archiving to your home directory.

1.15 VIEW

With this command you can view files in archive with a program chosen by SysOp. If your SysOp uses MoreText, you can view text and AmigaGuides online!

1.16 PROCESS

This command will process all tagged files and quit ArcMaster.

Files can be tagged for
 PACKING
 , or
 EXTRACTING
 .

1.17 How to contact me?

Send all bug reports, comments, suggestions etc. to:

toinas@freenet.hut.fi

or

toinas@freeport.uwasa.fi

Flames >NIL:

1.18 Thanks!

Thank to :

Erno Tuomainen for testing, bug reports, many suggestions,
docs for installing ArcMaster on DLG systems etc...

1.19 Version history

Version 0.72 - First public release.
