

# **AutoCLI**

Vitaliy Chepeleff

**COLLABORATORS**

	<i>TITLE :</i> AutoCLI		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Vitaliy Chepeleff	August 10, 2022	

**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME





# Chapter 1

## AutoCLI

### 1.1 Introduction

Long, long ago, when the Directory Opus was only of version of 4.12, and I was barely went on Amiga, I was very lazy to tyme in the archive name, when creating it, and that's why I invented the new method, which allows to create archives with the only one mouseclick. Time passed, DOpus changed on my eyes, and became of the 5-th version, and here my already calmed lazyness was seriously shocked. The point is that the creators of this masterpiece, probably haven't thought about the guys like me. Though all my attempts of converting configs of AutoLHA(LZX) failed. The cause was very simple -somehow the mask {Ou} became not working at all. ( It is not working now too ). After the long "fight" with my lazyness this program was created, which, I think, will help you to pack anything easier. However this is not the only thing it can do.

### 1.2 Installation

Simply copy the program the executable AutoCLI to your favourite path and then copy the file AutoCLI.config to the same directory, or to the s:.

### 1.3 System requirements

Computer Amiga  
CPU 68000  
Some memory  
OS 2.0

The program was written on A1200/A1230/16Mb  
It was also tested on:  
A1200/A1240/16M  
CD32/SX1/8M

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## 1.4 Autor

If you have any new ideas, or you found some bugs ( little, of course :-)), or you simply want to write me a letter you can find me here:

394016, Tulsкая street 16, Voronezh, Russia  
to Nasonov Roman

or by FidoNet:  
2:5025/400.10  
To: Roman Nasonov

It's a pity, but I don't have any internet E-Mail address :-)

I hope that you'd like my first programm, and you'll use it.

(c) Zetter'00

All Rights Reserved

## 1.5 Distribution

This programm is freely istributed if no changes are made into the packets integrity. You must not modify or somehow else change the contents of this package without written permission of the author.

This program is provided 'as-is'. Author is not carrying any responsibility for any damages caused by this programm. You are using this programm at your own risk. Author doesn't give any guarantees of working of this programm on your machine.

AutoCLI is mailware. That means that if you like this programm you should simply write me a letter. I understand that any money demands in our country is absurd, so you can at least support the beginner programmer (I.e. me) by your letters. It is very good to know that my work is not useless for somebody.

The complete set of contents

AutoCLI	- executable file
AutoCLI.doc	- documentation
autocli.config	- configuration file
Examples/packers.buttons	- the example of using with DOpus 5
Examples/gfxcon.buttons	- the example of using with DOpus 5
Examples/Dopus4exm.CFG	- the example of using with DOpus 4

## 1.6 Features

100% Asembler coded in Devpac  
Fully multitasking support  
Used simply fully configurable text configuration file  
Support different options  
Small size (about 3K)  
Installation contain samples for Dopus 4 and Magellan2

## 1.7 Description

This program is intended for comfortable frequent execution of AmigaOS commands. In particular it can be used for automated packing/unpacking of archives with the possibility to pack different files into different archives and for executing programs which could understand only one file as parameter multiple times.

Let's examine usage of this program, for instance, to pack the LHA archives. For example, we have the directory dir1 with the file1, file2, file3 files in it. Let's also set the string 'LHApk' in the 'Command' requester (look Preferences chapter) and enable the switch Autaname (it is obligatory for packing). Let's enter the directory dir1, mark files file1-file3, then execute AutoCLI. The result will be a file dir1.lha located in the directory dir1 and containing marked files in it. Now let's set the switch 'Single' and execute AutoCLI for another time. In this case the result will be three files: file1.lha, file2.lha and file3.lha. I.e. every of three marked files is placed into different archive. Now let's mark only the directory name (dir1). Now the result will be the file dir1.lha but in the same subdirectory our directory located. Let's now move our files to any root directory. For example RAM: and remove the 'Single' switch. We will have an archive ram.lha as a result in this case. This is only the brief description of possibilities of this program. The other switches and options are very simple to understand while using. But you must be very attentive with the 'Autaname' option. It is usually not used with conjunction with not archiving.

## 1.8 Some Details

AutoCLI tested with next external programs :

```
-LHA 1.48, 1.42 (2.1 does not work)
-LZX 1.21 (for use 1.20 need some changes in configuration file)
-ZIP 2.3
-HA 0.999
-BZIP 0.1p12
-GfxCon020 v1.8b, v1.8c
-arec 1.0
```

On another versions normal work not guarantee. If you use another programs or version of archivers, please send to

autor

their names and versions with

bugreports to insert in this list.

## 1.9 Íáëîðîðûá òííëîñè

AutoCLI ìðîðáñòèèðíààà à ñî ñëääóðùèèè áíáøíèèè ìðíáðàììàèè:

```
-LHA 1.48, 1.42 (2.1 íá ðàáíðààð)
-LZX 1.21 (ääÿ èñííëüçíààíèÿ 1.20 íóæíí ñëääèè ìíðààèèü òàèè èííðèáóðàèèè)
-ZIP 2.3
```

```
-HA 0.999
-BZIP 0.1pl2
-GfxCon020 v1.8b, v1.8c
-arec 1.0
```

Íà äðóãëõ äãðñëÿõ ïïðïàëüïàÿ ðàáïòà íà äãðáïòëððóáðñÿ. Áñëè àù ëñïïëüçóáðá ñ AutoCLI äðóãëà ïðïãðáïïü èëè äãðñëè äððëããðïðïã, ïðïñüãã ïðëñüëãòü èõ ïàçãáïëÿ è äãðñëè

ããðïðó

ñ çàïã\$÷div\$áïëÿè ïï ðàáïòïñïñïñïáïñòè, äëÿ äëëð\$÷div\$áïëÿ â ←  
ããïïüé

ñïèñïè.

## 1.10 Usage

This programm is working only from CLI. There is no any filerequesters in it.

## 1.11 Options

- C=Command/K Name of the command to launch. Look in the settings chapter for more information.
- S=Single/S Switch, making AutoCLI using mode 'one file to one archive'. If the file has any icons, they will be placed into the same archive. ( See option IconsOFF ). In other words the chosen programm will be launched for so many times, the amount of marked files is. If it is not entered AutoCLI enters mode 'all files into one archive', i.e. 'Command' will be launched once with all filenames as argumets.
- A=Autoname/S The switch enabling the automated name choosing. Understands the switch 'Single/Normal' changing the algorithm of choosing the names. Must be entered before the list of filenames.
- D=Delete/S The switch enabling the automated delete source files. Deleting not warranty on files/dirs which protected by lock.
- K=Ask/S The switch enabling requester on delete source files.
- R=Reverse/S The commandline for the most of the programm is: <command> <arguments> <file1> ... <fileN>, but some of them require the list of files to be typed before the arguments: <command> <file1> ... <fileN> <arguments>. Such a mode is enabled with the hel of this switch.
- I=IconsOFF If this switch is present AutiCLI ignores all .info files. You should not use this option while archiving, because no icon files will be included into archive in this case.
- F=FullName If this switch is present, AutoCLI runs in special mode: Single plus `_FULL_NAME_` Autoname. For example: <command> <arguments> <FULL\_NAME> <FULL\_NAME>. This switch is useful for 'arec'.
- PRI/N The priority for the task to be run. [-127...5]
- Stack/N Stack for the task to be run. [0...99998]
- Files/M List of filenames transferred to the programm to be run.

The switches Autoname, Single, Reverse, IconsOFF, Delete, FullName and Ask



could also be placed in the configuration file, hardly setting the working mode for any variation of the launching command. In that case the options selector works like the logical 'OR', i.e. option is marked set if it presents in commandline, config file or both.

Setting the stack might be done also by the two ways: first - typing in the commandline the option 'Stack/N' with parameter, second - setting the stack amount in the config file (see preferences). Besides the first method has a priority over the second, i.e. if the stack amount is typed in the commandline, then only this value will be used.

Some remarks of using the programmes like Directory Opus with AutoCLI

Most programmes, archivers in particular, makes their output into the current directory. Thus when launching the archiver you should set the flag 'CD source', otherwise the result of packing/depacking might be unknown.

There is another peculiarity of launching the program from DOpus 5. The point is that DOpus limits the length of the launching command by the parameter Max CLL in preferences/CLI launching. So, if this parameter is set to a very big number, then there are problems with starting archiving the big amount of files. The problem is that appear icon names, usually hidden in dopus listers, therefore length of command line become bigger then the maximum allowed. I reduced it to the amount of 384, and everything became OK.

## 1.12 Examples

```
;AutoCli Congiguration File Version 1.5
;this is comment
\\LHA c:lha ;command name, path
\pk:a -r a ;variation, AutoCLI option, command options
\un: x ;variation, command options
\gfxcon:25000 work:gfx/converters/gfxcon/gfxcon ;command name, stack, path
\8g:sir gif 256;variation, AutoCLI options, command options
\4g:sir gif 16 ;variation, AutoCLI options, command options
;etc
```

## 1.13 Preferences

The program AutoCLI works with the config file located in the s ←  
: catalogue,  
or in the same directory the main program is. If you master the format of this file, you will be able to create your own types of automated file processing.

Common format:

```
; - comment
\\<command without mode>[:<stack>]<space><path to command>
<variation(2 symbols)>:[a][s][i][r][d][k]<space><options for command>
```

Common format of configuration file is ierarchical with 2 levels of iteration. There are the symbolic names of launching commands (without variations) and full paths to the executables launching by this command on the first level. There are variations, options for current variation of executing

command (including working modes of AutoCLI) on the second one. Comments could be placed at the end of any line and must be started with ';' (semicolon)

Name of the command (WITHOUT VARIATION) must be started from double backslash ('\\'), after it goes non-obligatory parameter Stack, in decimal form, separated from the commandname with colon. then goes the space and the full path to the executable file.

Two symbols of variation, started from backslash ('\'), are placed on the new line. After it must go the colon and AutoCLI options for this variation. Options must stay without any spaces between them. Then must stay the space and options for launching command for this variation after it. They will be typed in as the arguments for the launched program. Full commandline AutoCLI option 'C=Command/K' must look like LHApk, where LHA is commandname and pk is its variation. Same names of variations for different commands are allowed.

Example

## 1.14 Future plans

If you have any ideas you should write to me. All your suggestions will be examined.

## 1.15 Known bugs

Program traces the existence of the icons of files of the list, but in the case when file name or directory name ends on .info. this file could be removed from the list. If you don't want this, then do not use this program on such a files.

If there is no main file in the list, then the corresponding .info file would be deleted from the list. This bug will be removed in next version.

AutoCLI, or to be more exact. most of archivers doesn't support filenames with the symbols '\*', '#', '(', '[' etc. in them. It's a pity, but nothing is doing to change this. If it will annoy me hardly, i'll do the in-program renaming of such files.

## 1.16 Thanks

I want to thank next peoples for help:

- Vladimir Berezenko for english translation documentation files.
  - Vitaliy Chepeleff for fine beta testing and converting this documentation to guide format.
  - Denis Sotchenko for help Amiga OS programming.
  - AmIS for miscellaneous help and advices.
  - Levitator for give e-mail service.
-



### 1.21 Ààòíðñòáí

Áñèè ó ààñ àñòù èàèèà-òí ííáùá èääè, èèè àù íàøèè á ýòíé ìðíàðàììà ìàèáíüéòþ ìøèáéó :-) èèè àù òìðèðá ìðìñòí ìàìèñàòù ìíá ìèñùìí, Áù ìíæàðá ìàèèè ìáíý ìí ààðáñó:

394016 ä. Âíðííáæ  
óè. Òóèùñèàý, ä. 16  
Ðíìàíó Íàñíííáó

èèè ìí FIDOnet:  
2:5025/400.10  
To: Roman Nasonov

è ñíæàèèáíèþ @mail ààðáñà ó ìáíý ìáò :(

ß ìáääáþñù, \$\div\$òí ìíý ìáðáàý ìðíàðàììà Âàì ìííðààèèàñù, è Áù ñòáíáðá àþ ìíèüçíààòùñý.

(Ñ) Zetter'00

All Rights Recerved

### 1.22 Óñèíàèý ðàñíðíñòðàíáíèý

Ýòà ìðíàðàììà ìíæàò ðàñíðíñòðàíýòùñý ñàíáíáíí ìðè óñèíàèè ñíòðàíáíèý òáèíñòííñè èííèèáèòà ìíñòààèè. Áù ìá äíèæíù ìíèèòèòèðíàòù èèè èàèèè-èèáí äðóáèì ìáðàçíì èçíáíýòù ñíæàðæììá ýòíáí àðòèàà ááç ìèñùìáíííáí ðàçðáøáíèý ààðíðà.

Ýòà ìðíàðàììà ìíñòààèýàòñý "ÈÀÈ ÁÑÒÛ". Ààðíð ìá ìáñàò ìðáààñòàáíííñè çà èþáúá ìíáðáæáíèý, ñèó\$\div\$èèèèèñý èç-çà èñííèüçíààíèý ýòíé ìðíàðàììù. ←  
Áù

ìðááóíðáæáíù è èñííèèèèèèèè ýòó ìðíàðàììó ìá ñàíé ðèñè. Ààðíð ìá àààò ìèèàèèò ààðáíðèè ðááíðíñííííáííñè ýòíé ìðíàðàììù ìá Âàøáé ìàøéíá.

Ýòà ìðíàðàììà ðàñíðíñòðàíýàòñý ìá óñèíàèèýð mailware. Ýòí çíà\$\div\$èò, \$\div\$òí ←  
áñèè

Âàì ìííðààèèàñù ýòà ìðíàðàììà, ìðíñòí ìíøèèðá ìíá ìèñùìí.

Èííèèáèò ìíñòààèèè

- AutoCLI -èñííèèýáíùé òàéè
- AutoCLI.doc -áíèóíáíòàòèý
- autocli.config -òàéè èííòèáóðàòèè
- Examples/packers.buttons -ìðèìáð èñííèüçíààíèý äèý Dopus 5
- Examples/gfxcon.buttons -ìðèìáð èñííèüçíààíèý äèý Dopus 5
- Examples/Dopus4exm.CFG -ìðèìáð èñííèüçíààíèý äèý Dopus 4

### 1.23 Íñíááííñòè

Íàìèñàíí ìíèííñòùþ ìá àññáíáèáðá  
Ííèíáý ìíáááðæèà ìííáíçààà\$\div\$ííñòè

```

Âîçliæííñòù ìíëííâí êííóëãóðëðíââíëÿ â òãêñòíâíì òàééã
ííãããðæèà ðàççèè$\\div$íúõ ìíöëé
Íããíëüøíé ðàçíãð (íêíêí 3K)
Â êíííëãèò àõíãÿò ìðèíãðù ðããíòù äëÿ Opus4 è MagellanII

```

### 1.24 Êðàòèâá ñèñíáíèá

```

Âãííãÿ ìðíãðãíìà ìðããíãçíã$\\div$ãíà äëÿ òãííííâí ìííæãñòããíííâí Ì
çàíóñèà
ñòíãííúõ êííãíã AmigaDOS. Â $\\div$ãñòííñòè, áã ìíæíí êñííëüçíããòù äëÿ Ì
ìðããíëçãòèè
ããòííãòè$\\div$ãñèíé òíãèíãèè/ðãñíãèíãèè àðçèãíã,ñ âíçliæííñòùð ðãæèà "èãæüé
òãéé á
ñãíé àðçèã", à òãèæã äëÿ çàíóñèà ìðíãðãíì, ãííóñèãðùèò òíëüêí ìãéí àðãóíãíò á
ðãæèã ñíèñèà òãééíã.
Âãããéòã ðãññííòðèì ìíðÿãíé ðããíòù ñ ìðíãðãííé íà ìðèíãðã òíãèíãèè
àðçèããòíðíí LHA. Íóñòù èíããòñÿ äèðãèòíðèÿ dir1, à á íãé òãééü file1,file2 è
file3. Óèãæãí á ìíöëè Command ñòðíéó 'lhapk' ñí. Preferences. Óèãæãí òãèæã
ííöèð Autoname (äëÿ àðçèããòèè ìíñèããííÿ ìãÿçãòãéüíã). Âíéããí á äèðãèòíðèð dir1
è ìòíãòèã òãééü file1-file3, çàíóñòèì AutoCli. Â ðãçóëüòãòã á äèðãèòíðèè dir
ííÿãèñÿ áãã íãéí òãéé ìíã èíãíãí dir1.lha, ñíããðæãùéé á ñããã file1-file3.
Óñòãííãèì ìíöèð Single è ñííãã çàíóñòèì AutoCli. Íã ÿòíò ðàç ìíÿãèèèññü òãééü
file1.lha, file2.lha è file3.lha, ò.ã. èãæüé òãéé óéíæèè á ìãðñííãéüííé
àðçèã. Íííðíãóãí ðãíãðù ìòíãòèòù òíëüêí äèðãèòíðèð dir1, á ðãçóëüòãòã ìíÿòù
ííéó$\\div$èè dir1.lha, ìí óæã íã áíóððè dir1, à ðÿãíí ñ íãé. Íãðãíãñãí ðãíãðù
ìãøè
file1-file3 á èãèóð-èèãí êíðíããóð äèðãèòíðèð, ñèãæãí RAM: è ñííãã óããðãí
Single . Â ðãçóëüòãòã, èíÿ ìíéó$\\div$ãíííâí àðçèãã áóããò RAM.lha, ìí ìí
áóããò
ñíããðæãòù ãñã 3 òãééã. Âíò è ãñã òííéíñòè, ìñòããòñÿ òíëüêí ìãíííéòù, $\\div$òí
ìããí
ãúòù áíéíãòãéüíãã ñ ìíöèãé Autoname, á ìíãðãòèÿò ìã ñãÿçãííúõ ñ àðçèããòèèé ìã
ìãú$\\div$íí ìã íóæíã.

```

### 1.25 Êñííëüçíããèà

Ìðíãðãíìà ðããíòããò ÒÏËËËË èç CLI. Óãéé-ðãéããñòãðù ìòñóòñòãóðò.

### 1.26 Ìðèíãð êííóëãóðãòèè

```

;AutoCli Congiguration File Version 1.5
;this is comment
\\LHA c:lha ;command name, path
\pk:a -r a ;variation, AutoCLI option, command options
\un: x ;variation, command options
\\gfxcon:25000 work:gfx/converters/gfxcon/gfxcon ;command name, stack, path
\8g:sir gif 256;variation, AutoCLI options, command options
\4g:sir gif 16 ;variation, AutoCLI options, command options
;etc

```









```

ià$div$eìàpòñý iðíáéáíú ñ çàíóñéíì íà àððèääàòèp áíèüøíáí éíèè$div$ãñòää ←
  óàééíá.
Íðíáééáíà ñíñòíèò á òíì, $div$òí íáú$div$íí á èèñòáððá áéèp$div$áí óèèüòð ←
  èéííé, íí iðè
íãðááá$div$ã ñíèñèà óàééíá àððèääàòíðó á íááí áéèp$div$apòñý óàéæã áñá ←
  èéííéè, $div$òí
óääèèè$div$èääàò àèèíó ñòðíèè ñááðð áííóñòèíüò iðáááéíá ß óíáíüøèè ááí áí 384, ←
  è
áñá ñòàéí íà ñáíè íáñòà.

```

### 1.32 Áéääíäàðíñòè

ß òí\$div\$ó ñèàçàòü ñíàñèáí ñèääópùèì èpäyì çà íííüü á ñíçääíèè ýòíé iðíãðáííü:

- Áèääèèèðó Ááðáçáíéí çà íãðááíä íà àíãèèéñèèè ýçüè ýòíé äíèóíáíòàòèè.
- Áèðàèèèp \$times\$áíáéääó çà iðáèðáñííá óáñòèðíááíèá è éííááðñèp äíèóíáíòàòèè á ←  
 óíðíàò  
 guide.
- Äáíèñó Ñíò\$div\$áíéí çà íííüü á iðíãðáííèðíááíèè Àíèää ÍÑ.
- AmiS'ó çà ðàçèèè\$div\$íóp íííüü è ñíááòü.
- Levitator'ó çà iðááíñòàáèáíèá äíñòóíà è ýèèèððíííé íí\$div\$òá.

### 1.33 Welcome

```

AutoCLI v0.91
*****
Multi-automatic starter for cli programs
*****
(C) Zetter' 2000 Voronezh, Russia
*****

```

- Äääääíèä
- Introduction
- Éíñòàèèýòèý
- Installation
- Ñèñòáííüá òðááíááíèý
- System Requirements
- Ààòíð
- Author
- Ðáñíðíñòðáíáíèá
- Distribution

ÊĎàòèàÿ òàĎàèòàĎèñòèèà

Features

Íàçíà\$\div\$áíèà

Description

Èñîîëüçîâàíèà

Usage

ÀĎăóîâíòû

Options

ÍàñòĎíéèè

Preferences

Ïèàíû íà áóăóùââ

Future plans

ÍâêîòîĎûâ òîíîêîñòè

Some Details

Èçââñòíûâ îøèáèè

Bug Reports

ÁèàâîâàĎíîñòè

Thanks

ÈñòîĎèÿ

History

ÂîĎíîâæ 2000

Voronezh 2000

-----###@@@##-----