

00c40ca8-0

Luca Ferraris 1995

COLLABORATORS

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<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Luca Ferraris 1995	February 12, 2023	

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Chapter 1

00c40ca8-0

1.1 SCrypter / ©Luca Ferraris 1995

SCrypter V1.31a - ©Luca Ferraris 1995

Introduction

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1.2 SCrypter/Introduction

INTRODUCTION

This simple program has been written in C and compiled with DICE (Free Version). It is my first attempt to write a C program for Amiga (see

Author
for more informations...).

It's an improved porting from my Unix Version (see
History
).

However, it has been speeded up on Amiga, due to optimized code. This is

version 1.31. You can use it on BINARY files too...

REMEBER, THIS IS A BETA VERSION!
I HAVE NO RESPONSABILITY ABOUT DAMAGES AT YOUR SYSTEM.

SCrypter is very useful if used with DOPUS, assigning it to a button.

1.3 SCrypter/Contents Of Archive

CONTENTS

This archive includes a CLI-based command named SCrypter plus documents in ASCII & Amigaguide format. This should be the archive contents:

- SCrypter
- SCrypter.doc
- SCrypter.guide

1.4 SCrypter/ Using It

USE

SCrypter's use is very simple! Open a shell and type:

```
SCrypter OPT [infile] [outfile]
```

N.B.: Arguments HAVE TO BE at least three! No crash, however ;-)

OPT can be:

- c crypt You have to give all arguments (infile & outfile)
- d decrypt if you give only the source file, output will be displayed
 in the current window else output will be putted in the
 destination file.

If you are omitting an argument, SCrypter will show you a message with the right use.

And now some numbers!

On a standard A500 7Mhz+512K Fast Ram, SCrypter worked so:

File Lenght	Crypt/Decrypt Time	cps	SRC->DEST
-----	-----	---	-----
4296 bytes	15-17 secs	252-283	RAM->RAM
15688 -	54-57 secs	275-290	RAM->RAM
325 -	3 secs	108	DSK->RAM
- -	2.5 secs	130	RAM->RAM

Well. You can see that SCrypter has been tested only on small files. Speed is higher if SCrypter is used on larger files and source/dest are both present in RAM DISK.

You shouldn't have problems using SCrypter with files larger than 16K.

SCrypter has been tested on these machines:

- * A500 7Mhz 1MB RAM (512Chip + 512Fast), KS 1.2/1.3/2.0
- * A1200 Standard

1.5 SCrypter/Future Releases

FUTURE

Next release will surely support a PASSWORD to crypt files. However, next releases will be improved with:

- * GUI
- * File requester.

Look for them on Aminet, Your Local BBS, PD collection and more!

1.6 SCrypter/Author

AUTHOR

This is my first attempt to program in C language on AMIGA systems. I programmed (and i'm programming too...) with AMOS/AMOS PRO Basic and i have written a lot of utilities and interesting applications. Some of them are also present on Aminet. I started to use C some months ago, when i went to the Department of Computers Science placed in Turin (Italy). For any bugs, suggestion or simple mail you can contact me at:

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I would like to thank:

- Commodore for creating Amigas
- Amiga Technologies GmbH. making Amiga stronger
- Francois Lionet for AMOS/AMOS Pro

- Nico Francois for PowerPacker library and more...
- All at AMOS-list (expecially Paul Hickman, Andy Church, Chris Hodges and Mauro Fontana)
- Marco Musso, Diego Cortassa & Canardi Enrico
- My beta-testers: Dematteis Enrico & Aldegheri Davide
- My Cat!

I hate PCs, Microsoft and anyone related with them (Olivetti too...)

1.7 SCrypter/History

HISTORY

V1.0 (Nov 1995)

- * Porting of my first Unix Version (May 1995)
- * Two 7K-CLI commands (crypt/decrypt)
- * No options
- * Never released

V1.2 (25.11.1995)

- * Some changes to parse arguments
- * Introduction of "?" option to view how to use SCrypter (TxTCrypter V1.2).
- * Never released

V1.3 (30.11.1995)

- * Improved version with options c/d to crypt/decrypt
- * Removed the "?" option
- * Smaller code (ALL less than 8K)
- * Never released (It was OK)

V1.31 (1.12.1995)

- * Added control on file-existence
- * First Released Version

V1.31a (Latest Version) (9.12.1995)

- * Added ANSI Codes to display messages in some styles
- * First Released Version

1.8 SCrypter/ Copyrights

COPYRIGHTS

This program is cardware! Distribute/Use it without problems. Postcard or

mails are well accepted. Suggestions too.

©1995 (30.11.95) Luca Ferraris

1.9 SCrypter/ Disclaimer

DISCLAIMER

USE THIS PROGRAM AT YOUR OWN RISK!
I'M NOT RESPONSABLE ABOUT DAMAGES AT YOUR SYSTEM...