

Re: Converting Commodore text files to The Numerica Format?

Source: <http://newsgroups.derkeiler.com/Archive/Comp/comp.sys.cbm/2005-08/msg00546.html>

- *From:* dunric@xxxxxxxxxx
 - *Date:* 10 Aug 2005 20:04:41 -0700
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Hey Sam,

Yes, that would be great. Thanks! :)

dunric@xxxxxxxxxx

Paul

Sam Gillett wrote:

> <a7yvm109gf5d1@xxxxxxxxxxxx> wrote ...

>

>> Well, the "encryption" is still trivial if you just increment the key
>> byte for every character. The fun starts if you use a more complex
>> algorithm for the key, like a LFSR. You can implement this in a few
>> lines of boolean logic. Of course, key distribution is still a problem.
>> But as a way to have fun with a few lines of BASIC on a Commie, it
>> sounds like something to do this weekend if it rains!

>

> Yep, XOR is a good way to encrypt a file using a BASIC program. Not too long
> ago I ported a QBasic encryption program to C128 BASIC 7.0 If Paul is
> interested, I can email him a copy of the C128 PRG file.

>

> Encryption is really pretty secure using the program I converted. A password
> supplied by the user is encrypted by a key coded into the program before use.
> Then after each use the password is encrypted again. For example, is an 8
> character password is used, the password is re-encrypted after each 8
> characters from the file are processed.

>

> De-bugging the program drove me crazy, until I realized that some of the
> characters in the encrypted file were CHR\$(0) causing decryption to fail.
> Easy to fix once I figured out what the problem was. (QBasic does not have
> the C= BASIC CHR\$(0) bug.)

>

> Oh well, enough rambling. Paul, let me know if you want me to email a copy
> of the BASIC 7.0 program to you.

> --

> Best regards,

>

Re: Converting Commodore text files to The Numerica Format?

- > Sam Gillett
- >
- > Change is inevitable,
- > except from vending machines!

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- *Follow-Ups:*

- ◆ *Re: Converting Commodore text files to The Numerica Format?*
◇ *From: Sam Gillett*

- *References:*

- ◆ *Re: Converting Commodore text files to The Numerica Format?*
◇ *From: Jim Brain*
- ◆ *Re: Converting Commodore text files to The Numerica Format?*
◇ *From: dunric*
- ◆ *Re: Converting Commodore text files to The Numerica Format?*
◇ *From: Stealth*
- ◆ *Re: Converting Commodore text files to The Numerica Format?*
◇ *From: Sam Gillett*

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