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Subject: Re: Homebrew Text Editor Question  
Posted by [al](#) on Fri, 15 Mar 1985 23:33:23 GMT  
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Article-I.D.: psivax.367  
Posted: Fri Mar 15 18:33:23 1985  
Date-Received: Sun, 17-Mar-85 02:26:25 EST  
References:  
Reply-To: [al@psivax.UUCP](mailto:al@psivax.UUCP) (Al Schwartz)  
Distribution: net  
Organization: Pacesetter Systems Inc., Sylmar, CA  
Lines: 31  
Xref: watmath net.micro:9732 net.micro.cpm:3755  
Summary:

In article [db21@ihuxk.UUCP](mailto:db21@ihuxk.UUCP) (Dave Beyerl) writes:  
> Its taken me a while, but I am finally getting around to  
>reading some of the classic "how to" computer science/programming  
>texts. Currently, I am working on Kernighan & Plauger's "Software  
>Tools" and have found it interesting reading. In particular, I  
>find the section on editing most interesting and am considering  
>coding the editor, edit, that they present. The text seems  
>quite complete, and the exercises present some useful suggestions  
>for improvements.  
>For every problem there is one                    Dave Beyerl  
>solution which is simple, neat,                    ihuxk!db21

There is someone who has converted this editor to C and made improvements to it. He now sells the source code. The product is called "RED".  
For more info contact:

Edward K. Ream   RED: \$95  
1850 Summit Ave.   Manual: \$10  
Madison, WI 53705  
(608) 231-2952

Versions available:  
CPM80 (requires BDS C or AZTEC CII compiler).  
MSDOS (binary is shipped along with source, no compiler is required).  
CPM68K (Digital Research C V1.1 is required).

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Hey bud... Let's party.                    Al Schwartz  
   Pacesetter Systems Inc., Sylmar, CA  
{trwrb|allegra|burdvax|cbosgd|hplabs|ihnp4|sdcsvox|aero|uscvax|ucla-cs|  
 bmcg|sdccsu3|csun|orstcs|akgua|randvax}!sdcrdcf!psivax!al  
or {seismo|citcsv|engvax|wlbr|zeus}!scgvaxd!psivax!al

Subject: Re: Homebrew Text Editor Question  
Posted by [gbs](#) on Sun, 17 Mar 1985 19:15:51 GMT  
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Article-I.D.: voder.723  
Posted: Sun Mar 17 14:15:51 1985  
Date-Received: Fri, 22-Mar-85 02:17:31 EST  
References:  
Distribution: net  
Organization: National Semiconductor, Santa Clara  
Lines: 32  
Xref: watmath net.micro:9782 net.micro.cpm:3785

> In article db21@ihuxk.UUCP (Dave Beyerl) writes:  
> >texts. Currently, I am working on Kernighan & Plauger's "Software  
> >Tools" and have found it interesting reading. In particular, I  
> >find the section on editing most interesting and am considering  
> >coding the editor, edit, that they present.  
>  
> There is someone who has converted this editor to C and made improvements  
> to it. He now sells the source code. The product is called "RED".  
> For more info contact:  
>  
> Edward K. Ream RED: \$95  
> --  
> Hey bud... Let's party. Al Schwartz  
> Pacesetter Systems Inc., Sylmar, CA

I am afraid I have to disagree with Mr Schwartz. I have studied and modified the code to RED (both versions that were published in Dr Dobb's). And I have converted Kernighan & Plauger's ratfor text editor, edit, to C (BDS C running on CPM-80 v2.2). The only similarity is that they both will edit text. RED is NOT a C version of edit. It is NOT a version of edit with screen handling added on top. They are very different in command structure, internal data structures, internal code structure, etc, as you would expect coming from two different people. There was an effort out of the University of Arizona to add screen handling to edit but it was primitive compared to vi or emacs (I think it was only to show that it could be done with little effort). I hope that this does not step on any toes but only serves to help.

--  
George B. Smith  
National Semiconductor  
...!{ihnp4!nsc | decvax!decwrl!nsc | ucbvax}!voder!gbs

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Subject: Re: Homebrew Text Editor Question  
Posted by [ravi](#) on Fri, 22 Mar 1985 01:29:29 GMT  
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Article-I.D.: mcnc.424  
Posted: Thu Mar 21 20:29:29 1985  
Date-Received: Sat, 23-Mar-85 01:33:20 EST  
References:  
Reply-To: ravi@mcnc.UUCP (Ravi Subrahmanyam)  
Followup-To: RED  
Distribution: net.micro.atari  
Organization: Microelectronics Center of NC; RTP, NC  
Lines: 9  
Xref: watmath net.micro:9792 net.micro.cpm:3793  
Summary:

This is a question re. editors available in cpm 2.2, etc. Is there a public domain version of something like vi or emacs available? Or a commercial version? Perhaps something in BDS C, or Turbo, or something like that? I don't know what 'edit' from Kernighan & Plaugher is like, but is it a screen editor (the impression I gathered from the letters here concerning RED is that it is not..).

Thanks in advance,

[Ravi]

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Subject: Homebrew Text Editor Question  
Posted by [db21](#) on Mon, 23 Sep 2013 18:34:41 GMT  
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Message-ID:  
Date: Mon, 11-Mar-85 07:00:14 EST  
Article-I.D.: ihuxk.896  
Posted: Mon Mar 11 07:00:14 1985  
Date-Received: Tue, 12-Mar-85 21:56:08 EST  
Distribution: net  
Organization: AT&T Bell Laboratories  
Lines: 21  
Xref: watmath net.micro:9669 net.micro.cpm:3719

Its taken me a while, but I am finally getting around to reading some of the classic "how to" computer science/programming

texts. Currently, I am working on Kernighan & Plauger's "Software Tools" and have found it interesting reading. In particular, I find the section on editing most interesting and am considering coding the editor, edit, that they present. The text seems quite complete, and the exercises present some useful suggestions for improvements.

As I am running a CP/M rather than a Unix-like system, I realize there will be some differences in the file handling routines and possibly a few other places. What I would like to know is whether anyone else has attempted this conversion and what was your experience? Please no flames about why I would want to do this when there are SO many editors available, I have my reasons. Please reply by mail. Thanks in advance for your help.

For every problem there is one  
solution which is simple, neat,  
and wrong!

Dave Beyerl  
ihuxk!db21