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About

Have a donut.

Sep 15, 2006

(compile with `gcc -o donut donut.c -lm`, and it needs ANSI- or VT100-like emulation)

```

        k;double sin()
        ,cos();main(){float A=
        0,B=0,i,j,z[1760];char b[
        1760];printf("\x1b[2J");for(;;
        ){memset(b,32,1760);memset(z,0,7040)
        ;for(j=0;6.28>j;j+=0.07)for(i=0;6.28
        >i;i+=0.02){float c=sin(i),d=cos(j),e=
        sin(A),f=sin(j),g=cos(A),h=d+2,D=1/(c*
        h*e+f*g+5),l=cos        (i),m=cos(B),n=s\
        in(B),t=c*h*g-f*        e;int x=40+30*D*
        (l*h*m-t*n),y=        12+15*D*(l*h*n
        +t*m),o=x+80*y,        N=8*((f*e-c*d*g
        )*m-c*d*e-f*g-l        *d*n);if(22>y&&
        y>0&&x>0&&80>x&&D>z[o]){z[o]=D;;b[o]=
        ". , ~ : ; = ! * # $ @ " [ N > 0 ? N : 0 ] ; } } /* # * * * * * ! ! - * /
        printf("\x1b[H");for(k=0;1761>k;k++)
        putchar(k%80?b[k]:10);A+=0.04;B+=
        0.02;}}/*****#####*****!!=;:~
        ~::==!!!*****!!==:::-
        . , ~ ; ; ; = = = = ; ; ; : ~ .
        .. , _ _ _ _ _ , */

```

(This was my first attempt at obfuscated C and I feel it's pretty amateurish; see [Donut Mark II](#) for a more impressive demo – though this one is simple and elegant in comparison.)