

Forum:[Hack Forums](#)

Thread: [Colorful animation using VT100 - Pure batch WIN 10 only](#)

?CARUs L?VE?™ - August 22, 2017, 7:32 am

Hello Everyone!

Recently I've been playing with VT100 escape sequences, and learning how to utilize them. This is the begining of what I've come up with.

I recycled my Rose petal algorithm, and implemented VT100 macros to move the cursor X;Y and to color the characters

```
Code @echo off
set "moveCursor=<nul set /p "= [x;yH""
REM The important bit [x;yH
REM Contains ESC character[x;yH to position your cursor
```

```
%moveCursor:x;y=12;15%
echo [38;5;195mHello World [0m
```

Code @echo off & setlocal enableDelayedExpansion

```
set /a "hei=50", "wid=50", "heiXwid=hei * wid"
set "moveCursor=<nul set /p "= [x;yH""
mode con: cols=%wid% lines=%hei%
```

```
set
"_SIN=a-a*a/1920*a/312500+a*a/1920*a/15625*a/15625*a/2560000-a*a/1875*a/15360*a/15625*a/
15625*a/16000*a/44800000"
set "SIN(x)=(a=(x * 31416 / 180)%%62832, c=(a>>31|1)*a,
a-(((c-47125)>>31)+1)*((a>>31|1)*62832) + (-((c-47125)>>31))*
(((c-15709)>>31)+1)*(-(a>>31|1)*31416+2*a) ), %_SIN%) / 10000"
set "COS(x)=(a=(15708 - x * 31416 / 180)%%62832, c=(a>>31|1)*a,
a-(((c-47125)>>31)+1)*((a>>31|1)*62832) + (-((c-47125)>>31))*
(((c-15709)>>31)+1)*(-(a>>31|1)*31416+2*a) ), %_SIN%) / 10000"
```

```
set "char=*"

```

```
for /l %%e in () do (

```

```
set /a "angle+=1", "x=20 * !cos(x):x=5 * angle! * !sin(x):x=angle! + wid / 2", "y=20 * !cos(x):x=5 *
angle! * !cos(x):x=angle! + hei / 2"
```

```
%moveCursor:x;y=!x!;!y!%
set /a "hue=angle / 3 %% 250"
<nul set /p "= [38;5;!hue!m!char! [0m"
```

)

I really hope you all enjoy the pretty colors :)!

SIM-1073426 - August 24, 2017, 9:14 am

Someone get White Light up in here, we got some 1337 codes yo

?CARUs L?VE?™ - August 24, 2017, 11:21 am

(Aug 24, 2017 09:14 AM)Aces. Wrote: [\[CITE\]](#) Someone get White Light up in here, we got some 1337 codes yo

Aces, Whitey's gone lol I'm the only oldbie. Annikk, and qwerty sometimes come to visit.

SIM-1073426 - August 26, 2017, 4:53 am

(Aug 24, 2017 11:21 AM)?CARUs L?VE?™ Wrote: [\[CITE\]](#) Aces, Whitey's gone lol I'm the only oldbie. Annikk, and qwerty sometimes come to visit.

Rest in peace ?