

Forum:[Hack Forums](#)

Thread: [POC generated maps](#)

?CARUs L?VE?™ - July 22, 2016, 2:26 pm

Hey everyone, just a proof of concept I made. This is a script that can generate it's own maps based off of template files.

You can use A and D to scroll left and right.

NOTE: CHANGE TO ANSI ENCODING (uses alt+219 ascii character)

Source:

Spoiler ([Click to View](#))

Code @echo off & setlocal enableDelayedExpansion

```
call :init
```

```
:main
```

```
    call :display
    call :controls
```

```
goto :main
```

```
:display
    cls&echo.
    echo  Û!out!Û
    for /l %%a in (1,1,!maxY!) do echo= Û!line[%%a]:~%$_%,%_$_%!Û
    echo  Û!out!Û
goto :eof
```

```
:controls
    for /f "tokens=*" %%a in ('choice /c:ad /n') do (
        if /i "%%a" equ "D" if !$_! leq !maxCam! set /a "$_+=1"
        if /i "%%a" equ "A" if !$_! geq 1      set /a "$_-=1"
    )
goto :eof
```

```
:generateImage
    rem pick a template
    set /a "pickTemplate=!random! %% numberOfTemplates + 1"
    rem concatenate to line[%%a]
    for /l %%a in (1,1,!maxY!) do set "line[%%a]=!line[%%a]!!L[%%a].%pickTemplate%!"
goto :eof
```

```
:init
    rem initialize important global variables
    set "title=POC Ever-Generating Map Side Scroller"
    set "tempfile=%temp%\tmpfont.file"
    set "defaultMapID=001"
```

```

set "defaultFileExt=.txt"
set "numberOfTemplates=3"

rem Generate new font
if not exist "%tempfile%" (
    echo.>"%tempfile%"
    reg add "HKEY_CURRENT_USER\Console\%title%" /f >nul
    for %%a in ("facename    /t REG_SZ    /d "terminal""
                "fontfamily  /t REG_DWORD /d 0"
                "fontSize    /t REG_DWORD /d 0xc"
                "fontWeight  /t REG_DWORD /d 0"
    ) do ( set "param=%%a"& set "param=!param:~1!" & set "param=!param:~0,-1!"
           reg add "HKEY_CURRENT_USER\Console\%title%" /f /v !param! >nul )

    start /high /max "%title%" "%~f0" %* & exit
) else ( del /f /q "%tempfile%" )
rem clean up
for %%a in ("tempfile" "title" "defaultMapID" "param") do set "%~a="

rem collect each template into it's own array of variables.
:: for example template001 has 10 lines
::   template 001   template002   template003
::   line 1 = ...   line 1 = ...   line 1 = ...
::   line 2 = ...   line 2 = ...   line 2 = ...
::   line 3 = ...   line 3 = ...   line 3 = ...
cd maps
for /l %%g in (1,1,!numberOfTemplates!) do (
    set "maxY="
    for /f "tokens=*" %%a in (template00%%g!defaultFileExt!) do (
        set /a "maxY+=1"
        set "L[!maxY!].%%g=%%~a"
    )
)
cd..

rem $_ is 0, _$ = 30
:: for example:
::   set "String=There is some cool code here"
::   echo !String:~%$_%,%$_%!
::   %string:~0,30%

::CHANGE MODIFIER FOR GLOBAL SIZE
set "modifier=5"

set /a "DM=(modifier * 10) + 2"
set /a "$_=0", "_$=$_ + DM", "maxCam=$_ - 5"

for /l %%a in (1,1,!$_!) do set "out=!out!Û"

set /a "cols=maxCam + 9", "lines=maxY + 4"

rem each line is 10 characters long = 60 characters in length; double the display size.
for /l %%a in (1,1,!DM!) do call :generateImage

```

```
color f0
mode con: lines=!lines! cols=!cols!
goto :eof
```

NOTE: IT IS IMPORTANT TO NAME THESE FILES AS LISTED, AND PLACED INTO A FOLDER CALLED "MAPS"(case insensitive) IN THE SAME DIRECTORY AS THE SCRIPT.

Spoiler [\(Click to View\)](#)

Template001.txt

```
Code "      ( )   "  
"( )        "  
"          ( _ )"  "  
"    ( _____ ) "  
"       ( )         "  
"                   "  
"  ûûû             "  
" ûû              ûûûûûû "  
"   û            û    "  
"   û             "
```

Template002.txt

```
Code "
"( )      "
"        "( )"
"    (   )"
"          "
"         "
"         "
"         "
"     U    "
"   U       U  "
"   U       U  "
```

Template003.txt

```
Code "(      )"
```

```
"      (      )" "
```

```
"      (      )" "
```

```
"              "
```

```
"              "
```

```
"              "
```

```
"      ûûû      "
```

```
"ûûûûû    û ûûûûûûûûûûûûûûûûû"
```

```
"      û    û    "
```

```
"              "
```

Ventriloquism - *July 22, 2016, 5:11 pm*

Just to clarify, does the maps folder have to be in all caps? Or is it case insensitive?

Regardless, very nice ? I'm sure a lot of users will find this helpful.

?CARUs L?VE?™ - July 22, 2016, 7:55 pm

(Jul 22, 2016 05:11 PM)Ventriloquism Wrote: [\[CITE\]](#) Just to clarify, does the maps folder have to be in all caps? Or is it case insensitive?

Regardless, very nice ? I'm sure a lot of users will find this helpful.

oi! my apologies. It is case insensitive sir :)

