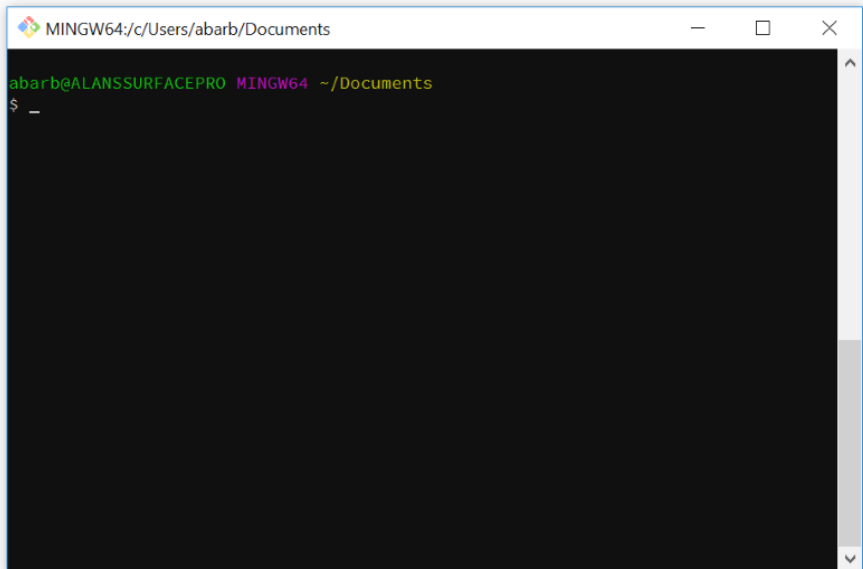


# How To Customize The Git For Windows Bash Shell Prompt

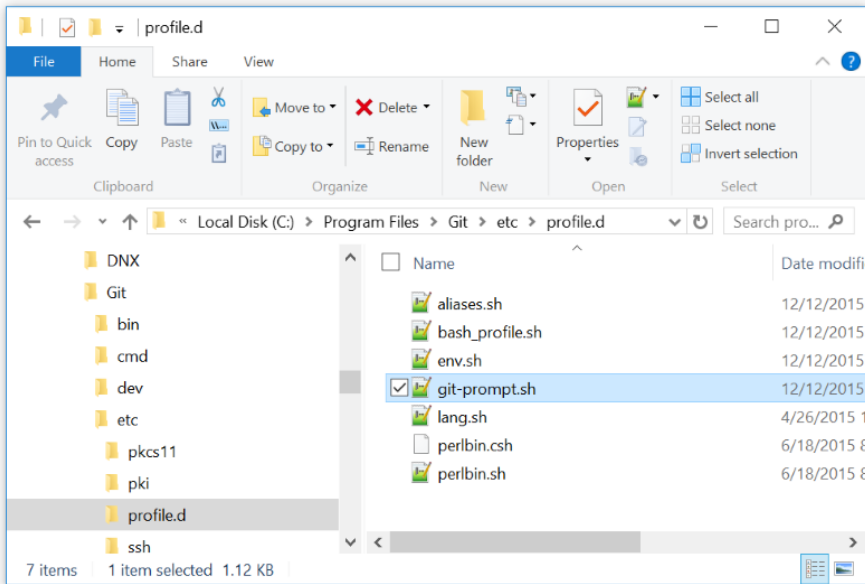
Have you upgraded to the latest version of Git for Windows and found the default prompt to be a bit annoying with the new added and useless “MINGW32” or “MINGW64”? Perhaps you don’t like how it has the username@hostname or maybe just the color scheme.



I will show you how you can change the prompt in Git for Windows very easily!

The Git for Windows Bash prompt is set using a configuration shell script named *git-prompt.sh* that can be found in the following directory.

`C:\Program Files\Git\etc\profile.d\`



Using a text editor that supports unix style files, such as Notepad++, open the file and you will find something that looks like this.

```

C:\Program Files\Git\etc\profile.d\git-prompt.sh - Notepad++ [Administrator]
File Edit Search View Encoding Language Settings Macro Run TextFX Plugins Window ?
git-prompt.sh
1  if test -f /etc/profile.d/git-sdk.sh
2  then
3      TITLEPREFIX=SDK-${MSYSTEM#MINGW}
4  else
5      TITLEPREFIX=$MSYSTEM
6  fi
7
8  PS1='\[\033]0;$TITLEPREFIX:${PWD//[^\[:ascii:]]/?}\007\' # set window title
9  PS1="$PS1"\n' # new line
10 PS1="$PS1"'\[\033[32m\' # change to green
11 PS1="$PS1"'\u@h ' # user@host<space>
12 PS1="$PS1"'\[\033[35m\' # change to purple
13 PS1="$PS1"'\$MSYSTEM ' # show MSYSTEM
14 PS1="$PS1"'\[\033[33m\' # change to brownish yellow
15 PS1="$PS1"'\w' # current working directory
16 if test -z "$WINELOADERNOEXEC"
17 then
18     GIT_EXEC_PATH="$(git --exec-path 2>/dev/null)"
19     COMPLETION_PATH="${GIT_EXEC_PATH%/libexec/git-core}"
20     COMPLETION_PATH="${COMPLETION_PATH%/lib/git-core}"
21     COMPLETION_PATH="$COMPLETION_PATH/share/git/completion"

```

Unix script file      length: 1156    lines: 33 Ln: 8    Col: 1    Sel: 0 | 0    UNIX    UTF-8

You will find several lines that can be altered to change the configuration of the shell prompt.

To remove the "MINGW64" you need to remove the following two lines

```
PS1="$PS1"'[\033[35m\]' # change to purple  
PS1="$PS1"'$MSYSTEM ' # show MSYSTEM
```

I like to also change the first PS1 line which sets the title by removing the

```
$TITLEPREFIX:
```

and replacing it with

```
Bash Prompt (Git for Windows) =>
```

If you wish to set colors you will notice several places where the code looks like

```
\[033[32m\]
```

The 32 is the color code for green. Here is a table of basic color codes

Code	Color
------	-------

30	Black
----	-------

31	Red
----	-----

32	Green
----	-------

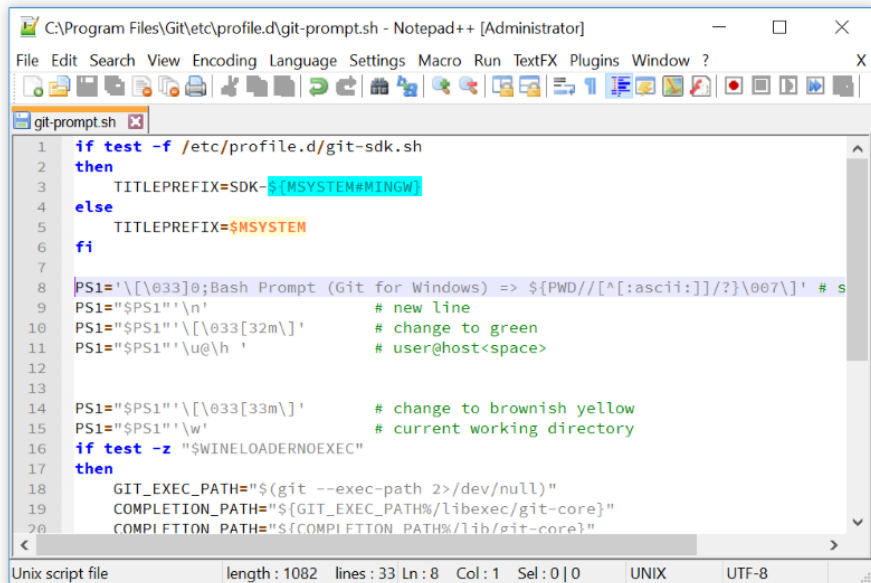
33	Yellow
----	--------

34	Blue
----	------

35	Magenta
----	---------

36	Cyan
----	------

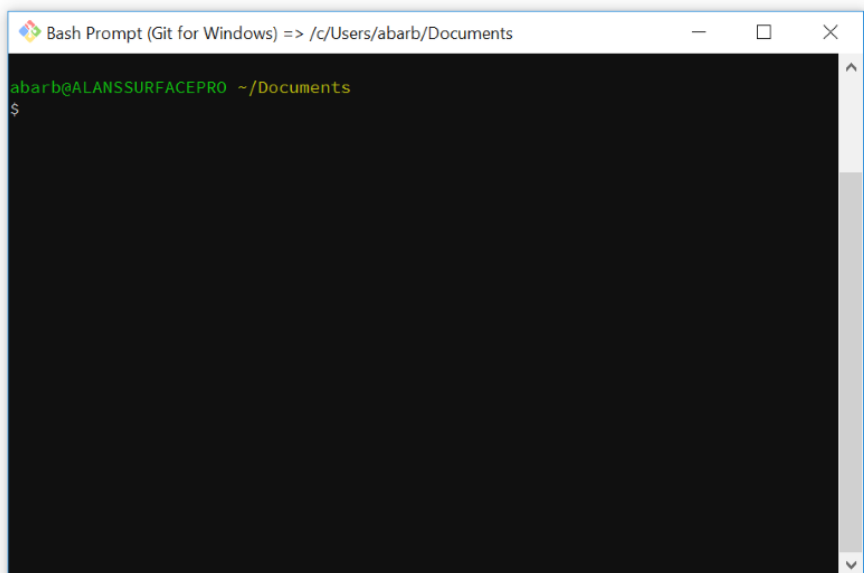
37	White
----	-------



The image shows a Notepad++ window titled "C:\Program Files\Git\etc\profile.d\git-prompt.sh - Notepad++ [Administrator]". The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Macro, Run, TextFX, Plugins, Window, and Help. The toolbar contains various icons for file operations and editing. The main text area displays the contents of the "git-prompt.sh" script, which is a shell script for customizing the Git Bash prompt. The script includes conditional logic to set the prompt based on the system (MINGW or MSYSTEM) and sets various prompt variables like PS1, PS2, and PS3. It also sets environment variables like GIT\_EXEC\_PATH, COMPLETION\_PATH, and COMPLETION\_PATH. The status bar at the bottom indicates "Unix script file", "length: 1082", "lines: 33", "Ln: 8", "Col: 1", "Sel: 0 | 0", "UNIX", and "UTF-8".

```
1  if test -f /etc/profile.d/git-sdk.sh
2  then
3      TITLEPREFIX=SDK-$(MSYSTEM#MINGW)
4  else
5      TITLEPREFIX=$MSYSTEM
6  fi
7
8  PS1='\[\033]0;Bash Prompt (Git for Windows) => ${PWD//[^[:ascii:]]/?}\007\]' # s
9  PS1="$PS1"\n' # new line
10 PS1="$PS1"'\[\033[32m\' # change to green
11 PS1="$PS1"'\u@\h ' # user@host<space>
12
13
14 PS1="$PS1"'\[\033[33m\' # change to brownish yellow
15 PS1="$PS1"'\w' # current working directory
16 if test -z "$WINELOADERNOEXEC"
17 then
18     GIT_EXEC_PATH="$(git --exec-path 2>/dev/null)"
19     COMPLETION_PATH="$(GIT_EXEC_PATH%/libexec/git-core)"
20     COMPLETION_PATH="$(COMPLETION_PATH%/lib/git-core)"
```

After you have saved your changes you can re-open up the bash window and you should find that your prompt now looks like this.



The image shows a "Bash Prompt (Git for Windows)" window. The title bar indicates the current directory is "/c/Users/abarb/Documents". The prompt is "abarb@ALANSSURFACEPRO ~/Documents" followed by a dollar sign "\$". The background is black, and the text is green.