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Subject: Set text colour in command line

Posted by [koldo](#) on Tue, 11 Aug 2020 07:02:00 GMT

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```
enum CONSOLE_COLOR {
#ifdef PLATFORM_WIN32
    BLACK    = 0,
    BLUE     = FOREGROUND_BLUE,
    GREEN    = FOREGROUND_GREEN,
    CYAN     = FOREGROUND_GREEN | FOREGROUND_BLUE,
    RED      = FOREGROUND_RED,
    MAGENTA  = FOREGROUND_RED | FOREGROUND_BLUE,
    YELLOW   = FOREGROUND_RED | FOREGROUND_GREEN,
    GRAY     = FOREGROUND_RED | FOREGROUND_GREEN | FOREGROUND_BLUE,
    LTBLUE   = FOREGROUND_INTENSITY | FOREGROUND_BLUE,
    LTGREEN  = FOREGROUND_INTENSITY | FOREGROUND_GREEN,
    LTCYAN   = FOREGROUND_INTENSITY | FOREGROUND_GREEN |
FOREGROUND_BLUE,
    LTRED    = FOREGROUND_INTENSITY | FOREGROUND_RED,
    LTMAGENTA = FOREGROUND_INTENSITY | FOREGROUND_RED |
FOREGROUND_BLUE,
    LTYELLOW = FOREGROUND_INTENSITY | FOREGROUND_RED |
FOREGROUND_GREEN,
    WHITE    = FOREGROUND_INTENSITY | FOREGROUND_RED | FOREGROUND_GREEN
| FOREGROUND_BLUE,
    RESET
#else
    BLACK    = 30,
    RED      = 31,
    GREEN    = 32,
    YELLOW   = 33,
    BLUE     = 34,
    MAGENTA  = 35,
    CYAN     = 36,
    GRAY     = 37,
    LTRED    = 131,
    LTGREEN  = 132,
    LTYELLOW = 133,
    LTBLUE   = 134,
    LTMAGENTA = 135,
    LTCYAN   = 136,
    WHITE    = 137,
    RESET    = 0
#endif
};
```

```
bool SetConsoleColor(CONSOLE_COLOR color) {
#ifdef PLATFORM_WIN32
    static HANDLE hstdout = 0;
    static CONSOLE_SCREEN_BUFFER_INFO csbilInfo = {};
    static WORD woldattrs;

    if (hstdout == 0) {
        hstdout = GetStdHandle(STD_OUTPUT_HANDLE);
        if (!GetConsoleScreenBufferInfo(hstdout, &csbilInfo)) {
            hstdout = 0;
            return false;
        }
        woldattrs = csbilInfo.wAttributes;
    }
    switch (color) {
    case RESET: return SetConsoleTextAttribute(hstdout, woldattrs);
    default: return SetConsoleTextAttribute(hstdout, color);
    }
#else
    if (color < 100)
        printf("\x1b[%dm", color);
    else
        printf("\x1b[1;%dm", color-100);
    return true;
#endif
}
```

## File Attachments

1) [Anotación 2020-08-11 085804.png](#) , downloaded 447 times

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