

Re: Programmer knowledge

Source: <http://coding.derkeiler.com/Archive/General/comp.programming/2004-03/1875.html>

From: Malcolm (malcolm_at_55bank.freemove.co.uk)

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"Gerry Quinn" <gerryq@indigo.ie> wrote in message
> *I know you can – when he said the "C library", and contrasted it*
> *with "MFC not being really C++" naturally I thought he meant a*
> *library that was part of C. I simply don't know anything about this* >
Windows C Library because I use a C++ library and have no need
> *to revert to C.*

>
As it happens, the MS Windows SDK C-callable API isn't part of any standard.
However it is basically just a typical platform-specific C library, with the
quirk that the entry point isn't generally main().

>
> *The Windows API is far less pervasive than MFC.*
>
> *I'm not sure I understand that comment. Pervasive in what way?*
>

Here's a section of what my wizard produced for a "hello world" app.

```
////////////////////////////////////  
/  
// CHelloApp  
  
BEGIN_MESSAGE_MAP(CHelloApp, CWinApp)  
//{{AFX_MSG_MAP(CHelloApp)  
ON_COMMAND(ID_APP_ABOUT, OnAppAbout)  
// NOTE – the ClassWizard will add and remove mapping macros here.  
// DO NOT EDIT what you see in these blocks of generated code!  
//}}AFX_MSG_MAP  
// Standard file based document commands  
ON_COMMAND(ID_FILE_NEW, CWinApp::OnFileNew)  
ON_COMMAND(ID_FILE_OPEN, CWinApp::OnFileOpen)  
// Standard print setup command  
ON_COMMAND(ID_FILE_PRINT_SETUP, CWinApp::OnFilePrintSetup)  
END_MESSAGE_MAP()
```

```
////////////////////////////////////  
/
```

```
// CHelloApp construction

CHelloApp::CHelloApp()
{
// TODO: add construction code here,
// Place all significant initialization in InitInstance
}

////////////////////////////////////
/
// The one and only CHelloApp object

CHelloApp theApp;
```

See what's happening? The wizard relies on special comments to tell it where to automatically inset code. You can't edit certain sections of the code without messing up the system. You are given a global instance of the application to work with. The message macros have redefined C++ syntax so far as to be effectively another programming language. The choice of MFC has completely altered the way you set out the program.