

Re: Substituting the main menu bar(s)

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*Source:* <http://www.tech-archive.net/Archive/VC/microsoft.public.vc.mfc/2006-06/msg00249.html>

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- *From:* "Victor" <nijegorodov.otpusk@xxxxxxxxxx>
  - *Date:* Sun, 4 Jun 2006 20:48:02 +0200
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Take a look at

<http://www.google.com/search?sourceid=navclient&ie=UTF-8&rls=GGLD.GGLD:2004-11,GGLD:en&q=How+to+Use+Multiple+Menus+in+MFC+App+That+Uses+GetDefaultMenu>

Victor

"David Webber" <dave@xxxxxxxxxxxxxxxxxxxx> wrote in message  
<news:eGm8XT#hGHA.3756@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

"Ajay Kalra" <ajaykalra@xxxxxxxxxx> wrote in message  
<news:1149267162.949599.291930@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

But even so, the program knows about two menus: one for  
when an MDI  
document  
is open, and one for when one isn't. I need to replace both.

You can do that as well...

Thanks Ajay,

I have been exploring the MFC source code and I think I can make it work.

For the menus shown when there is a document present then from the CWinApp  
derived class one can do

```
POSITION pos = GetFirstDocTemplatePosition();
```

```
while( pos )
```

```
{
```

```
CDocTemplate *pDocTemplate = GetNextDocTemplate( pos );
```

```
// Cast this UP to CMultiDocTemplate – it is one!
```

```
// Replace its m_hMenuShared with my new HMENU for the document.
```

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```
.....  
}
```

I am a bit nervous about needing the upward cast (on the principle that something is usually awry if an upward cast is needed) but I can use `IsKindOf` to check the legality, and it works. And there seems to be no

way

round it.

For the menu when no document is present, as you say, I can replace the `m_hMenuDefault` of the base class of my main frame window.

Now I need to be tidy. I am assuming that each document type stores a

menu

handle in its `CMultiDocTemplate::m_hMenuShared` and the menu for no

document

open is stored in `CFrameWnd::m_hMenuDefault`, AND that MFC simply uses `SetMenu()` to select between them as document windows open and close,

without

destroying the previously selected menu.

If so, when I replace the stored menus, it looks like I should be

destroying

the old menus and simply using `SetMenu()` using the appropriate one of the new ones.

I'll suck it and see.

Dave

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David Webber

Author MOZART the music processor for Windows –

<http://www.mozart.co.uk>

For discussion/support see

<http://www.mozart.co.uk/mzusers/maillinglist.htm>

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