

Re: MDIForm Parent/Child forms BEST Practice

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I don't know if w i do is the best way of doing things but it works. i'll try to put it under your questions.

"Edwinah63" <edwinah@customercare.com.au> wrote in message news:d714e824.0404211752.c0bb836@posting.google.com...

> *Hi everyone,*

>

> *could someone give me some thoughts on the best way to manage mdi*

> *parent and child forms?*

>

First i always create a public var of my main form (mdi parent) for easy access (yust declare it in a module and i the parent.load set the var to me)

> *in vb6 i could scroll through the forms collection and determine which*

> *forms were open/closed and their current state. now i can't.*

>

something like this?

```
For Each f As Form In fmMain.MdiChildren
```

```
    If f.Visible Then
```

```
        End If
```

```
    Next
```

> *before i didn't have to declare numerous named instances each time i*

> *loaded or unloaded a form.*

>

the named instance is declared locally so once you are out of this sub it is gone

```
    Dim manPSNT As New frmManPSNTType
```

```
    manPSNT.MdiParent = Me
```

```
    manPSNT.Show()
```

> *if i open a child form from another child form and try to assign*

> *mdimain as the mdiparent it doesn't permit it, if i say fl.mdiparent =*

> *me.mdiparent i get memory problems (as have others judging from the*

> groups).
>

I use the public instance of my main form to do this. But i have don it w
the me.MdiParent should work. (unless you are doing strange things in the
client forms, try loading them non mdi first)

> all my current forms are declared public shared in mdiMain, but should
> these be in a user made forms collection owned by a global module
> (cMain)?

you that would be more organized but generally you don't need them all

> if i am finished with a child form, i want to unload it, not hide it,
> but if i close a form in vb.net it extinguishes the instance.
>

sounds right you will have to assign a new instance of the form to the var,
it all depends on w you want to do at that givven time.

> when the mdi parent closes, i would like the app to terminate.
>
try this

```
Private Sub frmMain_Closed(ByVal sender As Object, ByVal e As  
System.EventArgs) Handles MyBase.Closed  
Application.Exit()  
End Sub
```

> should i be setting mdi children to nothing or disposing them?
>
.NET will do that for you

> basically, what can/should i do to get the same mdi parent/child
> management present in vb6 while still preserving the smallest
> footprint possible in memory?

if you want less mem don't declare all your forms as globals, .NET handles
it rather good the standard way.

>
> all comments/code greatly appreciated. i am probably not the only
> programmer to ponder this question.
>
> regards
>
> Edwinah63

There are probably bether ways to do some things, comments are welcome.
Hope it helps a bit

Eric