

Re: My.Application.OpenForms

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2006-12/msg02388.html>

- *From:* "Stephany Young" <noone@localhost>
 - *Date:* Sun, 17 Dec 2006 21:48:44 +1300
-

Ok, so I made a little mistake. It does work if the StartPosition property of Form2 is set to Manual or CenterScreen. It doesn't work if it is set to anything else. I thought that the fact that it didn't work for one setting might have led you to investigate the others.

If you start manipulating the position of MDI Child forms after they have been shown then you WILL get flicker as the repaints occur.

"Garry" <garrygrolman@xxxxxxxxxx> wrote in message <news:uCifEAaIHHA.1248@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

OK.

I tried the solution Stephany but the results were not quite as I expected.

The code was revised as

```
Shared Sub A_ResizeToFit(ByVal frmMain As Form, ByVal _f As Form)
' parent the form the the MDI Container
_f.MdiParent = frmMain

' make the form fill the client area of the MDI Container
For Each _c As Control In frmMain.Controls
If _c.GetType Is GetType(MdiClient) Then
_f.Bounds = CType(_c, MdiClient).ClientRectangle
Exit For
End If
Next
_f.Show()
End Sub
```

Which I think you will agree is correct with small name changes. The result was a cascaded arrangement whereby the first mdi child generated was at a small displacement and each subsequent MDI child generated at a further displacement.

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I solved the problem with the following code which you may or may not make use of. It is a function which can be placed in a class and has a displacement from the left to allow a Tree navigator as a separate MDI child to be displayed alongside the MDI child.

Shared Sub FitChildToMDI(ByVal frmMDI As Form, ByRef frmChild As Form, ByVal lngTreeWidth As Long)

```
Dim lngTop As Long
Dim lngLeft As Long
Dim lngWidth As Long
Dim lngHeight As Long
frmChild.Dock = DockStyle.Fill
```

```
frmChild.Show() 'Do a 'show' to capture the true size and position of
the MDI child before removing the DockStyle.Fill
lngTop = frmChild.Top
lngLeft = frmChild.Left
lngWidth = frmChild.Width
lngHeight = frmChild.Height
frmChild.Dock = DockStyle.None
```

```
'Now manipulate the form to size and position – it can be resized by
the user anytime as it is now DockStyle.None
frmChild.Top = lngTop
frmChild.Left = lngLeft + lngTreeWidth
frmChild.Width = lngWidth – lngTreeWidth
frmChild.Height = lngHeight
```

End Sub

BUT

It causes a flicker which is not to my liking.

I was all so simple in VB6 and I find this code, to say the least – gross.

Your's was much more elegant but did not give me the required results that I needed. It was however a valid attempt and thank you for that. I have learned something.

Thanks again

Garry

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"Stephany Young" <noone@localhost> wrote in message
news:e4vagkVIHHA.2632@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

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I hit hit F1, switched to the index tab, typed in 'mdiclient', selected 'about MdiClient class', noticed that it it derived from System.Windows.Forms.Control, scrolled down a bit and read the remarks, tried a stock standard 'controls loop' to check that it was actually present, then had a look at the members to find a suitable property or method.

BTW. It doesn't work if the StartPosition property of Form2 is set to WindowsDefaultsBounds.

"Garry" <garrygrolman@xxxxxxxx> wrote in message news:Omw6dbTIHHA.4112@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Thank you Stephany,

Will try and re-post.

Assuming that it works, where did U get it or woz it simply INTUITIVE??????

Garry

"Stephany Young" <noone@localhost> wrote in message news:ecH3pIPIHHA.3668@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Leesten veeery carefully. I shall say thees only vonce!

Dim _f As New Form2

' parent the form the the MDI Container
_f.MdiParent = Me

' make the form fill the client area of the MDI Container
For Each _c As Control In Controls
If _c.GetType Is GetType(MdiClient) Then
_f.Bounds = CType(_c, MdiClient).ClientRectangle
Exit For
End If
Next

_f.Show()

Et voila!!!!!!!!!!!!

Re: My.Application.OpenForms

"Garry" <garrygrolman@xxxxxxxx> wrote
in message
news:uCoTCYEIHHA.4804@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Why do you
hesitate to
have a form
as your
startup?

Conservatism – an
abominable affliction in a
computer programmer.

The problem is not the
Startup but I will remember
your comment if I
do change back to frmMain
as the start form.

Have you solved the
problem of sizing a child
form to fit the MDI
client rectangle BUT, the
user must be able to move
the form within
the parent form.. My
solution is not elegant and I
wonder how other
people solved it. Perhaps
other programmers do not
need to. I do not
want the child maximised,
thats too easy, I want the
child to
completely fill the available
area and yet be 'moveable'.

I saw a solution to a forms
collection in code with the
Load event
being used in each child
form to add it to a User
Defined forms
collection. I have to
consider this carefully. It
was written for
VS2003 and the article
specifically states that the
'openforms' is

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available in 2005.

I say it again – things were so simple in VB6.

If only someone had updated the VB6 GUI and come out with a non Microsoft VB7 with the improved intellisense on vb2005.

A DOTNET framework for Linux or Mackintosh has not materialised so that one of the much taunted features at the release of the .NET languages back in 2002 has not been realised. Garbage Collection is simply not mentioned any more. I am however, enjoying ADO.NET with SQLCE which has replaced my original Access database. Very fast.

Anyway, thanks for your answers.

Garry

"RobinS"

<RobinS@xxxxxxxxxxxxxxxx>

wrote in message

news:F8qdnYO0iaq3pB_YnZ2dnUVZ_hy3nZ2d@xxxxxxxxxxxxxxxx

Unfortunately,
I figured out
MDI stuff
by trial &
error, and
the ones
I've written
are fairly
simple. I do
have
MacDonald's

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Windows
Forms
book; it has
some basic
info on
MDI, but
not tons.
You could
always
search
Google.

I have the
startup form
for my
project set
to the parent
form.
Why do you
hesitate to
have a form
as your
startup?

Robin S.

"Garry"
<garrygrolman@xxxxxxxx>
wrote in
message
news:%2372JBgAIHHA.2632@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Ah
Robin,

I
just
noticed
that
in
the
project
Properties,
Application
tab,
the
'enable
application
framework'
checkbox
is

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unchecked.

I
did
this
to
enable
me
to
build
an
MDI
application
and
use
sub
Main()
as
the
starting
point
for
the
code.

There
is
very
little
clear
info
on
building
MDI
applications
as
Microsoft
presumably
is
not
encouraging
the
MDI
framework.
(no
internal
support
for
INI
files
either

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in
vb2005).
Just
try
to
resize
an
MDI
child
to
fit
the
Client
Rectangle
in
the
parent
form
exactly.
It
was
all
so
simple
in
VB6

However,
I
wonder
if
you
could
'point'
me
to
relevant
and
truly
constructive
info
on
MDI
applications
in
VB2005
'cos
I
MAY
have
to

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redefine
my
application.

Is
there
anything
else
that
I
may
be
missing
from
My.Application
if
I
leave
this
checkbox
unchecked?????

I
assume
that
this
checkbox
is
the
source
of
my
present
troubles.

I
am
re-writing
completely
from
VB6,
NOT
converting
and
do
not
feel
comfortable
with
the
frmMain
as

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the
StartUp
object.

One
of
the
disadvantages
of
unchecking
the
checkbox
is
that
when
using
Cntrl-Break
to
debug,
the
Sub
Main()
is
always
shown
with
the
green
line
background
on
Application.Run(frmMain)..

Any
clear
suggestions
would
be
much
appreciated.

Garry

"RobinS"
<RobinS@xxxxxxxxxxxxxxxx>
wrote
in
message
news:P4CdnVmUhu7b4hzYnZ2dnUVZ_rSjnZ2d@xxxxxxxx

Re: My.Application.OpenForms

I
hate
to
ask
the
obvious,
but
is
it
a
Windows
Forms
application
that
you're
trying
to
use
it
in?

Robin
S.

"Garry"

<garrygrolman@xxxxxxxx>

wrote

in

message

news:uHpO9r5HHHA.2236@xxxxxxxxxxxxxxxxxxxxxxxx

Why
is
it
that
my
installation
od
vs2005
will
not
accept
My.Application.OpenForms
saying
that
it
is
not
part
of
My.Application???

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Dim
frm
As
Form
For
Each
frm
In
My.Application.OpenForms

Next
frm

Garry