

Re: Indexed controls on a form.

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb.controls/2008-02/msg00012.html>

- *From:* Grok
 - *Date:* Tue, 12 Feb 2008 16:29:24 -0500
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On Thu, 03 Jan 2008 13:06:41 +0000, "Jan Hyde (VB MVP)"
<StellaDrinker@xxxxxxxxxxxxxxxxxxxx> wrote:

"Forrest Lawrenceton" <likeidgiveittoya@xxxxxxxxxxxx>'s wild thoughts were released on Thu, 3 Jan 2008 04:13:51 -0800 bearing the following fruit:

Hi;

The six hours I just spent digging through more mountains of useless information than can be found via Google didn't pay off. In VB6 we could simply copy and paste a control onto a form to create a control array (automatically indexing the controls with the same name). Anybody know how to go about that in .NET 2005?

You don't need a control array in dotnet, however if you upgrade a VB6 project you will see how to do it.

My advice is do it the dotnet way and leave the VB6 way behind.

J

I think what he's saying is do something like this. Let's assume your VB6 form has a Button control array indexed 0 to 7.

In VB.NET, drop all 8 Button controls on your form.
Double-click Button1 to bring up the code editor for the Click event.
That brings up this code:

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
```

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End Sub

Pay attention to the wiring at the end, "Handles Button1.Click".
As you know a VB6 control array is wired all to the same event procedure. To duplicate that behavior here, we tell this procedure to handle click events for our other Buttons too. Easy.

So we modify this procedure definition slightly.

First, rename it to maybe ... "MyButtonArray_Click"
Then wire it to all 8 Button controls... voila!

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e  
As System.EventArgs) Handles Button1.Click, Button2.Click,  
Button3.Click, Button4.Click, Button5.Click, Button6.Click,  
Button7.Click, Button8.Click  
MessageBox.Show("My name is '" + CType(sender, Button).Name +  
"'"")  
End Sub
```

Now of course you'll want to do something with the news that your event fired, and base the logic on which button. This is where the VB6 control array index starts to be missed. I don't know what to tell you there, as I only learned how to do the above after reading your question and wanting to figure out the answer.

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