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Thread: [Arrays inside array? VB.NET](#)

pzychonaut - June 8, 2023, 3:43 pm

So I want to store four values <DOMAIN> <IP> <PORT> <RESOURCE> and place them into an array. However, I want all four of those values to have a single index in the array, where i can call each of the values individually from said index. I will be adding many of these "four value" entries in the main array.

Sort of like: Dim demo_Value As String = myArray.Index(0).Item(3)

Is this possible? I feel like this would work similarly to a Python dictionary but I'm not sure.

padrino - June 8, 2023, 3:53 pm

I think what you're referring to here in terms of an "Array inside an array" is a 2 dimensional array. Just try googling Array dimensions and you'll find Microsoft's learning page on it for VB.

If it were me though I would just create an class object with those 4 attributes and create a collection of those objects. the you can access them exactly as you need to and it would be far easier to read.

Hope this helps!

Faith Connors - June 8, 2023, 4:00 pm

^the correct answer

but if you're not implementing logic on the data itself, then a simple struct will suffice over a full class

padrino - June 8, 2023, 4:10 pm

(Jun 8, 2023 04:00 PM)Faith Connors Wrote: [\[CITE\]](#) ^the correct answer

but if you're not implementing logic on the data itself, then a simple struct will suffice over a full class

yah good point - struct will also work.

pzychonaut - June 8, 2023, 4:14 pm

(Jun 8, 2023 03:53 PM)padrino Wrote: [\[CITE\]](#) I think what you're referring to here in terms of an "Array inside an array" is a 2 dimensional array. Just try googling Array dimensions and you'll find Microsoft's learning page on it for VB.

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(Jun 8, 2023 04:00 PM)Faith Connors Wrote: [\[CITE\]](#) ^the correct answer

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Thank you both for the help! I figured there was a fix but I was having trouble locating the solution. Cheers ?

padrino - *June 8, 2023, 5:03 pm*

(Jun 8, 2023 04:14 PM)pzychonaut Wrote: [CITE](#) Thank you both for the help! I figured there was a fix but I was having trouble locating the solution. Cheers ?
no problem mate - happy coding!