

Re: Add/remove zero index of array

Source:

<http://www.tech-archive.net/Archive/VB/microsoft.public.vb.general.discussion/2007-12/msg02077.html>

- *From:* "Randy Birch" <rgb_removethis@xxxxxxxx>
 - *Date:* Mon, 24 Dec 2007 15:26:32 -0500
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One other alternative, presuming that the goal of this effort is to keep prying eyes from seeing the values of the 0 member, is to just write the entire array to disk when overwrite the 0 record with some character. Then you can blast the mess back in later, and use the 0 member without any other footwork around the UTD/array format.

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Randy

<http://vbnet.mvps.org/>

"Tim Rude" <timrude@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:u5BRUpmRIHA.4400@xxxxxxxxxxxxxxxxxxxxxxxx

Yeah, if I wanted to rewrite a pile of code. ;p

Once the array is read, it is used throughout the program in a number of ways, and the internally created record 0 becomes an important part of the array data at that point. Some of the array data (including record 0) gets displayed in a sorted listbox and the array index is stored in the ItemData property. So eliminating record 0 from the array just complicates a bunch of existing code that's currently working perfectly.

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Tim Rude

timrude@xxxxxxxxxxxxxxxxxxxx

(remove NOSPAM. for correct email address)

"Randy Birch" <rgb_removethis@xxxxxxxx> wrote in message
news:eK85QbmRIHA.4272@xxxxxxxxxxxxxxxxxxxxxxxx

I would question the need for the 0 member at all, given – from your description – that you are only using the data this contains internally in the app and never saving to disk. Would not a separate dimmed variable for the data you put into the 0 member not work?

Re: Add/remove zero index of array

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Randy
<http://vbnet.mvps.org/>

"Tim Rude" <timrude@xxxxxxxxxxxxxxxxxxxx> wrote in message
<news:uooT1NmRIHA.2376@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
> Ralph,
>
> Thanks for your input. I think I've actually got it sorted out now.
>
> I'm using a trick suggested by RB Smislaert to adjust the LBound and
> UBound
> of my array, and then shifting each record up or down. It works and it
> seems
> very fast.
>
> -- > Tim Rude
>
> timrude@xxxxxxxxxxxxxxxxxxxx
> (remove NOSPAM. for correct email address)
>
> "Ralph" <nt_consulting64@xxxxxxxx> wrote in message
> <news:u4gbTCmRIHA.2268@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
>> Comments inline ...
>>
>> "Tim Rude" <timrude@xxxxxxxxxxxxxxxxxxxx> wrote in message
>> <news:OXDRFYIRIHA.5288@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
>>> <snipped>
>>>
>>> DB() is a single-dimension array of UDT records. The UDT consists

only

> of
>>> fixed length strings (i.e. String * 10, etc.). Each UDT record is >>> 322
>> bytes
>>> long.
>>>
>>> '=====
>>> Dim FH as Integer
>>> Dim NumOfRecs as Long
>>> Dim DB() as MyUDT
>>>
>>> FH = FreeFile
>>> Open DataFile For Binary Shared As #FH
>>>
>>> ' if the dummy is the same size as MyUDT
>>> Dim dummy As MyUDT

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```
>>
>> > NumOfRecs = LOF(FH) \ 322
>>
>> NumOfRecs = NumOfRecs - 1
>> Get #FH, , dummy
>>
>> > ReDim DB(1 To NumOfRecs - 1)
>> > Get #FH, , DB 'Read entire file into array
>> > Close #FH
>> >
>> > ReDim Preserve DB(0 to UBound(DB)) 'This is what I need to do but
VB
> won't
>> > do it
>> > '=====
>> <snipped>
>>
>> If it is a different size, say 300 bytes, do something like this...
>> [Warning Air Code!]
>>
>> Dim dummy As String : dummy = String( 300, " ")
>> Get #FH, , dummy
>> Dim NumOfRecs As Long : NumOfRecs = LOF(FH) - 300
>> NumOfRecs = NumOfRecs / 322
>> ...
>>
>> -ralph
>>
>>
>
>
```