

Re: 2 dimension arrays

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2005-08/msg05365.html>

- *From:* "Hans Kesting" <news.2.hansdk@xxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 30 Aug 2005 14:28:28 +0200
-

Andrew wrote:

> Thanks for your reply.
> How do I declare an array as a session variable ?
> I tried:
>
> int [] marked = new int [50];
> Session["marked[0] "] = 2;
>
> I got a syntax error.
>

untested code:

```
-----  
string[,] marked = (string[,])Session["marked"];
```

```
if (marked == null)  
{  
    // nothing yet in session, so create it  
    marked = new string[50][2];  
    Session["marked"] = marked;  
}
```

```
// use it  
marked[12, 1] = "test";  
-----
```

Note: as you have a *reference* to this array, there is really only one array so a change to 'marked' will "also update" the array "stored in the Session" (to phrase it loosely). No need to "put the changed array back in the Session".

Hans Kesting

> "Hans Kesting" wrote:
>
>> Andrew wrote:
>>> Hi,

Re: 2 dimension arrays

>>>
>>> I have an array of 50 rows and 2 columns that I want to make
>>> available to a user. As he goes thru the system, he will be updating
>>> and editing the array. This is unique to each user in the session.
>>>
>>> eg. public string[,] marked = new String[50][2].
>>>
>>> How do you suggest I do it ? Do I declare it as global variable, or
>>> is it possible to put it as a session variable?
>>>
>>> TIA. Cheers.
>>> Andrew.
>>
>> You will *need* to put in in Session: a "global variable" (static
>> member of some class) is the same for *all* users of your site (the
>> single webapp serves multiple users).
>> If you want to retain user-specific data in server-memory, you have
>> to
>> user Session. (other options: client side using ViewState or hidden
>> inputs
>> or in a database under a user-specific key)
>>
>>
>> Hans Kesting

• *Follow-Ups:*

- ◆ [Re: 2 dimension arrays](#)
◇ *From:* Andrew

• *References:*

- ◆ [2 dimension arrays](#)
◇ *From:* Andrew
- ◆ [Re: 2 dimension arrays](#)
◇ *From:* Hans Kesting
- ◆ [Re: 2 dimension arrays](#)
◇ *From:* Andrew
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