

Cannot apply indexing with [] to an expression of type 'System.Collections.Generic.ICollection<int>' in mvc controller

Asked 4 years, 8 months ago Active 2 years ago Viewed 29k times

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```
public ActionResult addstandardpackage1(ICollection<int> SingleStay, ICollection<int>
DOUBLESTAY, ICollection<int> TRIBLESTAY, ICollection<int> FAMILYSTAY, ICollection<int>
EXTRABED)
{
    var s = SingleStay;
    for (int i = 0; i < SingleStay.Count; i++)
    {
        var cal = SingleStay[i];
    }
    foreach (var key in SingleStay)
    {
        var value = key;
    }
}
```

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In for Loop i am get the error like Cannot apply indexing with [] to an expression of type But i need in for loop , in for each i am getting . because based on for loop i will bind the details with other collection lists. Please Help me.

I am getting error in var cal=Singlestay[i] .

c# model-view-controller

edited Aug 28 '17 at 15:22



Gericke

1,190 4 29 62

asked Jan 19 '15 at 7:47



user3643560

120 1 3 11

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```
var s = SingleStay.ToArray();
```

note that this will consume additional memory though.



Better way would be to get an Array or any other collection-form that supports indexer in the first place.

Yet another way would be to implement it with an index variable:

```
var s = SingleStay;
int i = 0;
foreach (var cal in s)
{
    //do your stuff (Note: if you use 'continue;' here increment i before)
    i++;
}
```

edited Jan 19 '15 at 8:07

answered Jan 19 '15 at 7:50



Florian Schmiderer
4,079 2 11 24

Thank You , working... – [user3643560](#) Jan 19 '15 at 11:36



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ICollection doesn't expose indexer . You have three options:

1. Change ICollection to IList
2. Use ElementAt that is inherited from IEnumerable . But be aware - it could not be efficient.
3. Evaluate passed collection to list (ToList())

[ICollection](#) (and its exposed methods) on msdn.

answered Jan 19 '15 at 7:49

[user2160375](#)

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ElementAt is superb for debugging. Thanks! – [CindyH](#) Nov 15 '16 at 22:40

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