

Indexer: allow array like index

```
/*  
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*/  
using System;  
  
namespace Indexers  
{  
    // a simplified ListBox control  
    public class ListBoxTest  
    {  
        private string[] strings;  
        private int ctr = 0;  
  
        // initialize the listbox with strings  
        public ListBoxTest(params string[] initialStrings)  
        {  
            // allocate space for the strings  
            strings = new String[256];  
  
            // copy the strings passed in to the constructor  
            foreach (string s in initialStrings)  
            {  
                strings[ctr++] = s;  
            }  
        }  
  
        // add a single string to the end of the listbox  
        public void Add(string theString)  
        {
```

```
strings[ctr] = theString;
ctr++;
}

// allow array-like access
public string this[int index]
{
    get
    {
        if (index < 0 || index >= strings.Length)
        {
            // handle bad index
        }
        return strings[index];
    }
    set
    {
        strings[index] = value;
    }
}

// helper method, given a string find
// first matching record that starts with the target
private int findString(string searchString)
{
    for (int i = 0; i
```