

Re: Novice question about inherited constructors

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2006-04/msg01475.html>

- *From:* "David" <Contributor@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 10 Apr 2006 16:27:20 -0400
-

Thank you. I am actually trying to figure out why a TreeView works when nodes are constructed using the TreeNode class but do not work when using a class derived from TreeNode.

What is the difference between

```
public class TreeNode
{
public TreeNode()
{
}
}
}
```

and

```
public class B : TreeNode
{
public B : base()
{}
}
}
```

?

Why does an index go out of range in LoadViewState with the later.

"Jon Skeet [C# MVP]" <skeet@xxxxxxxx> wrote in message
<news:MPG.1ea4babf6ad3731798d07e@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

David <Contributor@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

```
How is
public class A
{
public A(){}
}
```

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```
different from
public class B : A
{
public B() : base()
{}
}
```

The first declares a type which derives from System.Object (implicitly). The second declares a type which derives from A. Both declare a public parameterless constructor which calls (implicitly in the first case) the parameterless constructor in the base class.

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Jon Skeet - <skeet@xxxxxxxx>

<http://www.pobox.com/~skeet> Blog: <http://www.msmvps.com/jon.skeet>

If replying to the group, please do not mail me too