

# Re: memory leak or not?

---

*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2006-11/msg00648.html>

---

- *From:* "Cor Ligthert [MVP]" <[notmyfirstname@xxxxxxxx](mailto:notmyfirstname@xxxxxxxx)>
  - *Date:* Fri, 3 Nov 2006 19:53:38 +0100
- 

Jon,

I think you are wrong, however it does nothing add to the question from the OP.

In my opinion was the reply from Marina more than enough,

So I stop this discussion.

Cor

"Jon Skeet [C# MVP]" <[skeet@xxxxxxxx](mailto:skeet@xxxxxxxx)> schreef in bericht  
[news:MPG.1fb5932e29281cd198d5c2@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:MPG.1fb5932e29281cd198d5c2@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Cor Ligthert [MVP] <[notmyfirstname@xxxxxxxx](mailto:notmyfirstname@xxxxxxxx)> wrote:

My text was not meant as you read it.

I was implying that there was a new object instanced, and not only a new reference to an existing object.

You can't possibly know whether a new object was created or not.

```
object A = MyJonObject;  
is different from  
string A = MyJonObject.ToString();
```

I didn't call ToString() though – I called GrabSomeLongString(). We don't know whether that method would create a new string or not – but either way, the value of the variable would certainly be a reference.

As it had been a "normal" reference type the object would in my idea not be garbaged. (As it is not done in this case, to but the created string is

Re: memory leak or not?

again a new object and that will be garbaged)

String \*is\* a "normal" reference type. Its immutability has nothing to do with this.

Marina was in my idea talking about normal non immutable reference types. However I can of course not speak for here. Your sample is in my idea an exception to the standard behaviour..

Not at all. There's nothing special about string here. You could change string to any other type in my example and the behaviour would be the same.

--

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