

## Re: memory leak in asp 2.0

---

*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2007-08/msg00357.html>

---

- *From:* Aleks Kleyn <Aleks\_Kleyn@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Fri, 3 Aug 2007 10:18:01 -0700
- 

One question more. i think it is very important. Assume class has private dataset and public rowset. Now. When I put this object into collection (in my case session) what do I really put inside collection. If I put object itself, this is really huge demand to the memory. But if I put reference then this is no matter how large object is.

However question may be put differently. In what address space does object exist. If to be placed into session it should exist in session then it will be better to create web service. But even in this case I not sure that when I put object which refers to web service into session I will not put into session the whole staff.

"Aleks Kleyn" wrote:

I did today search for session out of state on Microsoft site and found site <http://msdn2.microsoft.com/en-us/library/ms972429.aspx>  
However not studio 2005, nor Orcas can accept code

```
<configuration>  
<sessionstate
```

Not in XP, neither in server 2003. It means that at least at this time I cannot use this code. Probably the best solution is to reopen dataset each time when I load new page. Probably also to keep this code in separate web service which will return only datatable or datarow. As I remember from my past experince web service cannot keep values when I go from one page to another. This way I loose the essential of dataset.

I put attention to another thing. I put in the corner of screen task manager, so I was able to watch how much memory I need. I used 2 pages. First page plain asp code, second initialize dataset, can abandon session if I want and to return to the first page. When I load first page the memory grew up to 60mb. Second page sometimes added 2-5mb, sometimes nothing. Memory reduced it size very rare. If I did long break between loading of first page it could increase memory up to 10mb (Even i did not allocate there any variable). This way I increse memory up to 130mb. The same code in asp 1.0 takes only 14mb. It means that garbag