

aspnet_state.exe Internals Info Needed

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2005-02/6373.html>

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I noticed when storing large amounts of information in the StateServer Service that this does not increase in size, the worker process itself seems to grow.

I set up a test case to try and prove this, I placed a button on a web form that ran the following code.

```
string temp = "index";
```

```
for(int i = 0; i < 1000000; i++)  
{  
    string index = temp + i.ToString();  
    Session[index] = "This is a Test";  
}
```

I noticed that the aspnet_state.exe's Mem Usage and VM Size barely grew yet my W3WP process grew to the point that I had to stop my app (yes my own fault iterating 1M times).

I thought the State Server actually stored the session data itself, it would seem from my example that this is not the case and that the memory space used is that of the W3WP.

Does the State Server only act as a marshalling services pointing requests for Session info to the correct memory location? If this is the case how does it persist when an ASP.NET app is recycled.

Is that portion of memory allocated to storing the Session held back while the ASP.NET app is recycled?

I've been trying to find information on how the State Server works internally but as yet have found nothing.

TIA

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