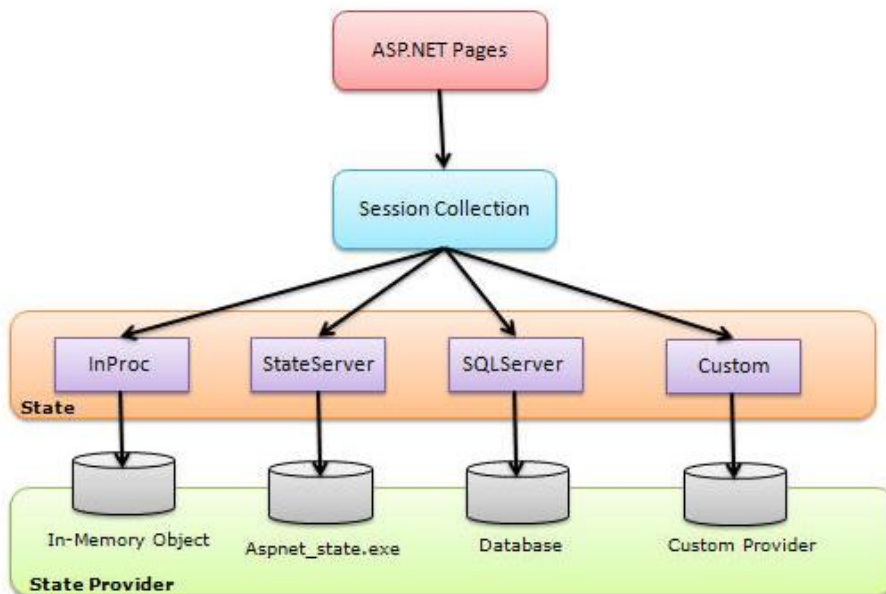# ASP.NET Sessions State

ASP.NET Session Mode

In ASP.NET there are 4 types of Session Mode.

Off: We can disable the session mode for the entire application using the off mode.
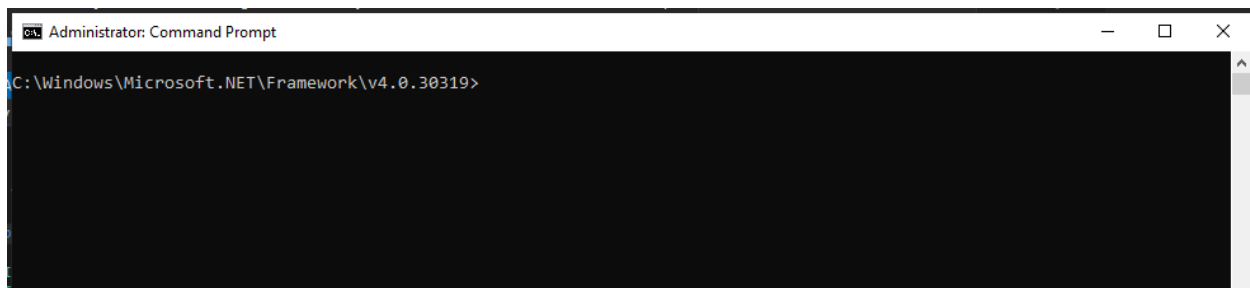

SQL Server Session Sate:

Now we are implemented session state in SQL Server-

1st- Open CMD Terminal

2nd- Paste in CMD Terminal - `cd C:\Windows\Microsoft.NET\Framework\v4.0.30319`

N.B: Go to Framework maximum version like- `v4.0.30319, v2.0.50727`

3rd- Write this command at cmd than hit enter-

Windows Authentication:

aspnet_regsql.exe -S YourServerNameHere -E -ssadd -sstype p

SQL Authentication:
aspnet_regsql -S YourServerNameHere -U UserName -P Password -ssadd -sstype p
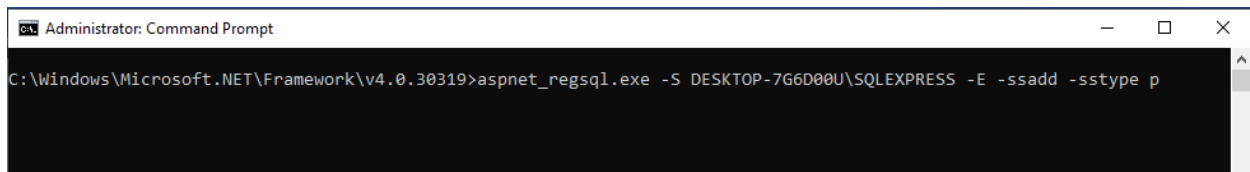
Example(SQL Session Storage):
aspnet_regsql.exe -S DESKTOP-7G6D00U\SQLEXPRESS -E -ssadd -sstype p
aspnet_regsql -S DESKTOP-7G6D00U\SQLEXPRESS -U sa -P Aml@1234 -ssadd -sstype p
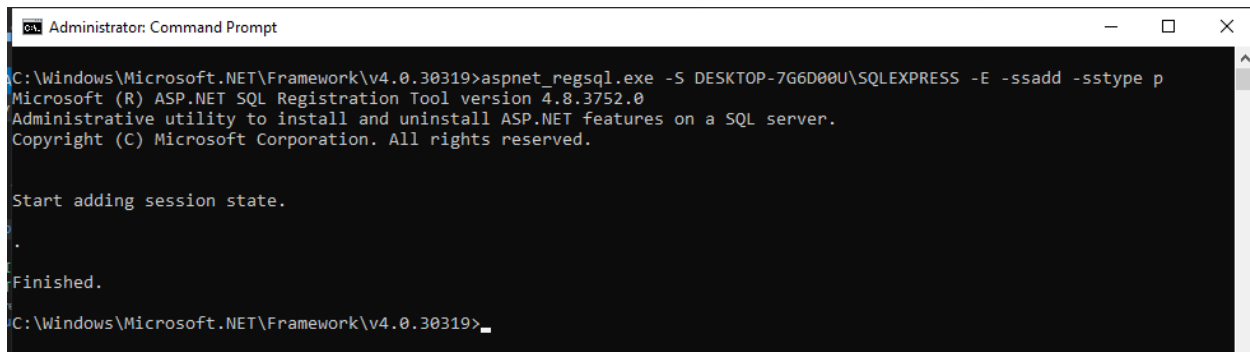
Example(Custom Session Storage):
aspnet_regsql.exe -S DESKTOP-7G6D00U\SQLEXPRESS -E -ssadd -sstype c -d TestSessionDB
aspnet_regsql.exe -S DESKTOP-7G6D00U\SQLEXPRESS -U sa -P Aml@1234 -ssadd -sstype c -d
TestSessionDB

4th- Done

Finally add some xml code in Web.config

```xml
<sessionState mode="SQLServer"
              allowCustomSqlDatabase="true"
              cookieless="false"
              timeout="120"
              sqlCommandTimeout="30"
              compressionEnabled="true"
              sqlConnectionString="Data Source=192.168.2.111\SQLEXPRESS,1433;Initial Catalog=ASPState;Persist Security Info=True;User ID=sa;Password=Aml@1234;"/>
```


Happy Coding