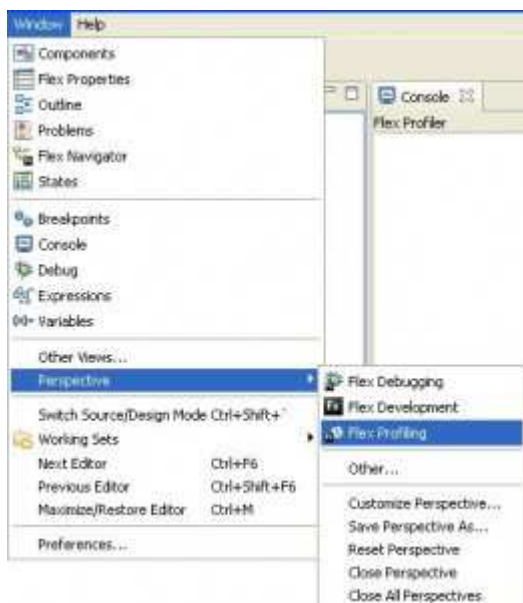


Using the Adobe Flex profiler can help you in identifying the performance bottlenecks or memory leaks in your flex application.

If you are new to using the flex profiler, here I am going to show you how easy it is to get started with the flex profiler.

It is important to note that the profiler can only be used when an application (or the swf, rather) is launched alongwith the profiler. As you try to 'Profile' your flex application, first the profiler will establish a connection with the swf.

To start the profiler, it is a good idea to switch to the profiling perspective first. From the Flex builder menu, choose Window-> Perspective -> Flex Profiling



Flex Profiler Perspective

After that, you can click on the Profile icon (next to Run and Debug icon) to start the profiler for your application.



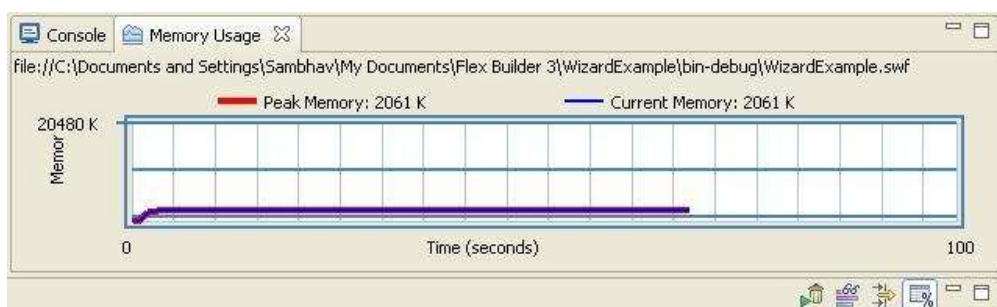
After the application is launched, it will show you a dialog, which looks like the following:



This gives you an option that whether you want to enable the memory profiling or the performance profiling, or both. You can keep the default selections and click on Resume.

It is a good option that if you expect that your application is not very stable, do not select 'Generate object allocation stack traces', instead, with the default selections for profiler, bring your application to a stable level and then later on check for the object allocation stack traces.

well, that is all, you can see the Live Objects data and the Memory Usage. You can closely inspect that how your application's memory usage is.



The Flex profiler can give you a lot of information, however, it does not suggest you on how you can optimize the performance of the application, that is decision that you will have to make by analysing the data that you captured through profiling.

Profiling an application can help you in understanding the following:

- Call Frequency
- Method Duration
- Call Stacks
- Number of Instances and their sizes at any given point of time
- Garbage collection and Loitering Objects

Not only this, the profiler also lets you take memory snapshots and compare two snapshots.

For more info on Flex Profiler please click [here](#)