 Ingeniería Informática del Software

**Diseño y Pruebas**

**Informe jMeter – D12: Item 5.**

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# Introducción

En las próximas páginas se mostrará un análisis de las pruebas realizadas con la herramienta jMeter sobre nuestro proyecto.

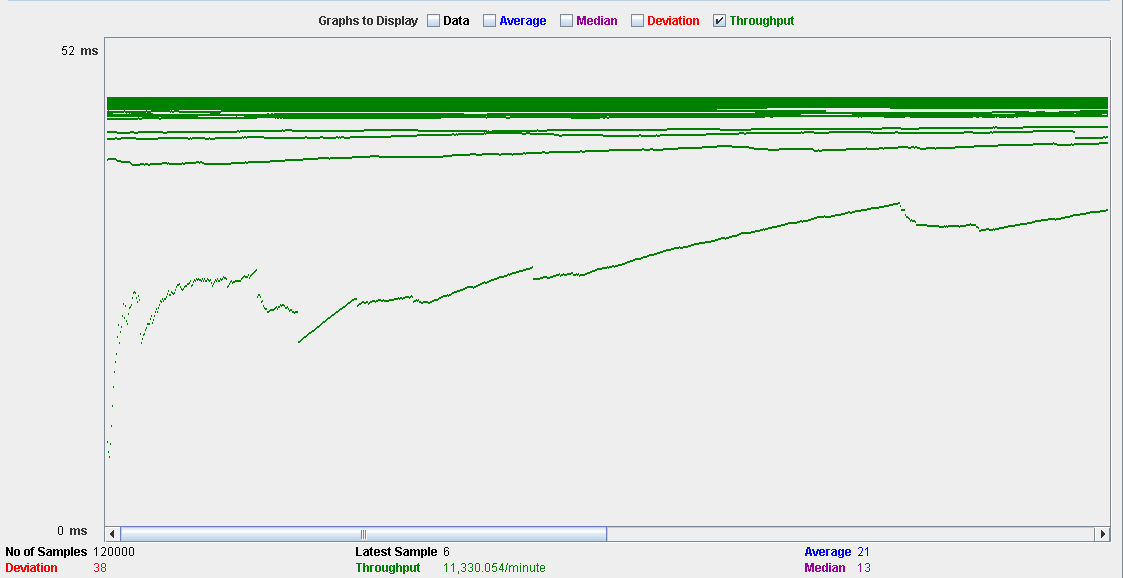
Se destacará cual es el máximo rendimiento del sistema y se mostrarán capturas que lo confirmen.

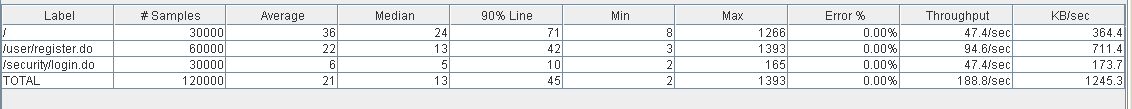
# Análisis máximo rendimiento

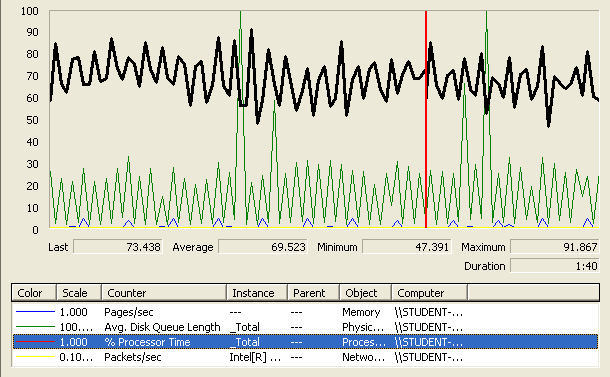
Mediante el uso de JMeter hemos obtenido un script para cada caso de uso. Para cada uno de ellos se han realizado pruebas primero comenzando con 10,20,50,100,150 y 200 usuarios. Al usar una carga de 200 usuarios ya comenzaba a dar fallos en la mayoría de casos de uso, así que al final quedamos en hacer los casos de uso con 150 usuarios y 200 repeticiones.

Destacar también que en ciertos casos de uso que hay que crear una entidad y luego listar, tuvimos que bajar bastante el número de usuarios porque básicamente los test no avanzaban.

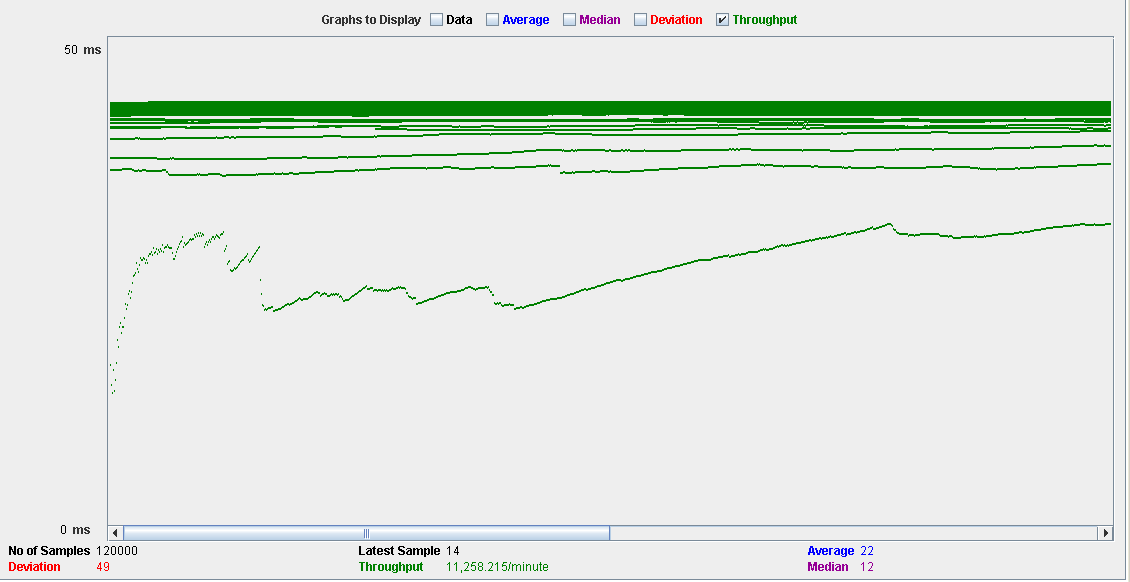
# Register as user

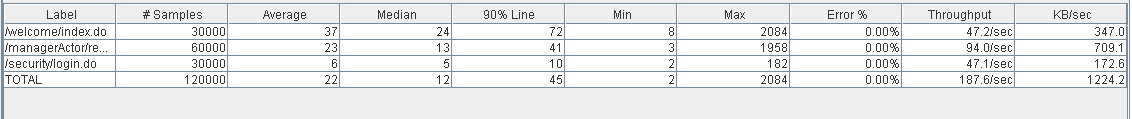


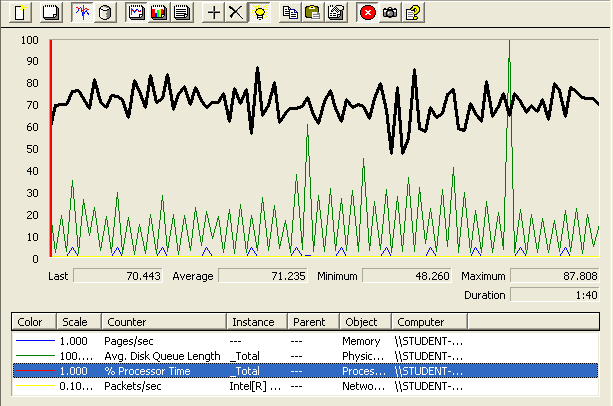




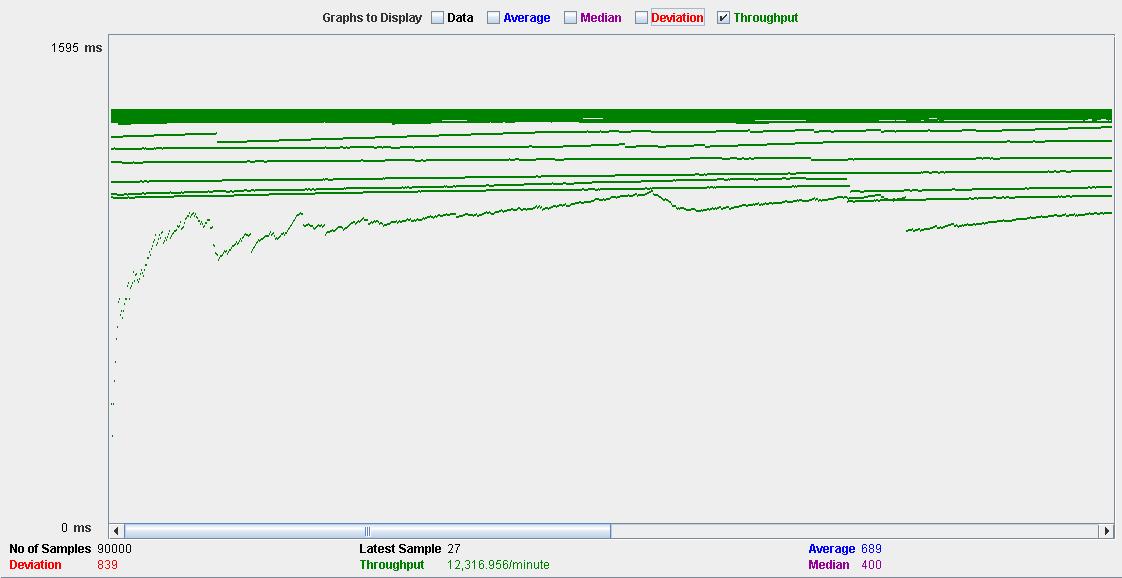
# Register as manager

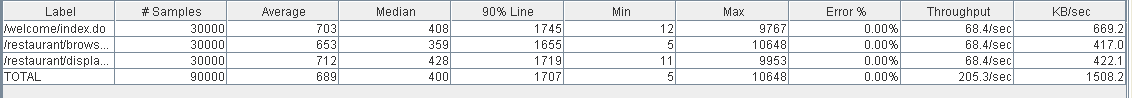


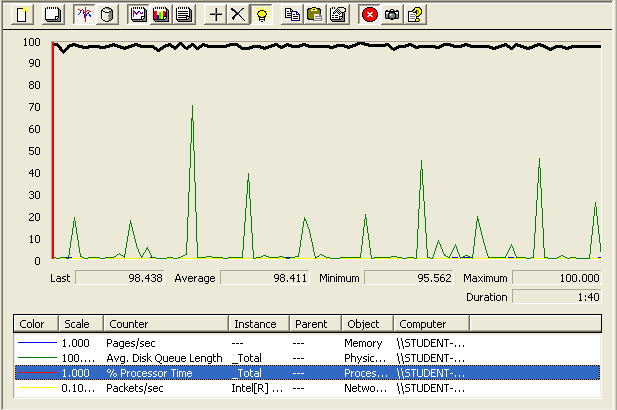




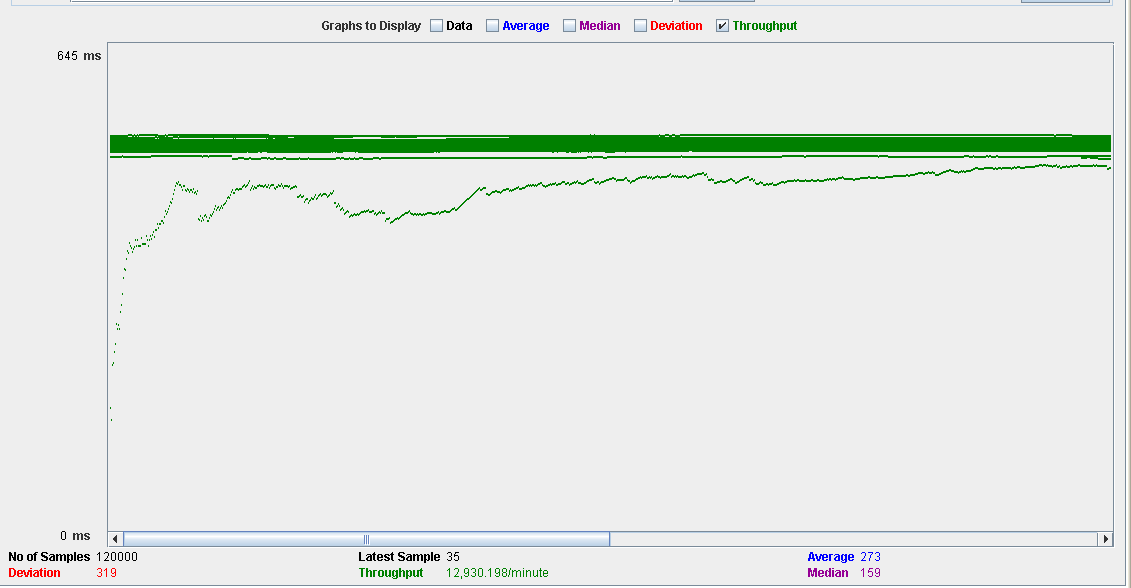
# Browse Restaurants

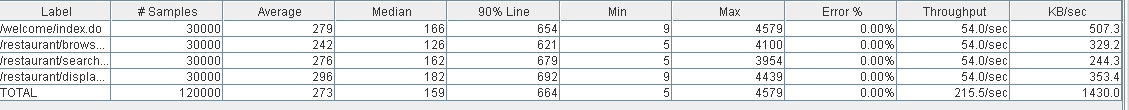


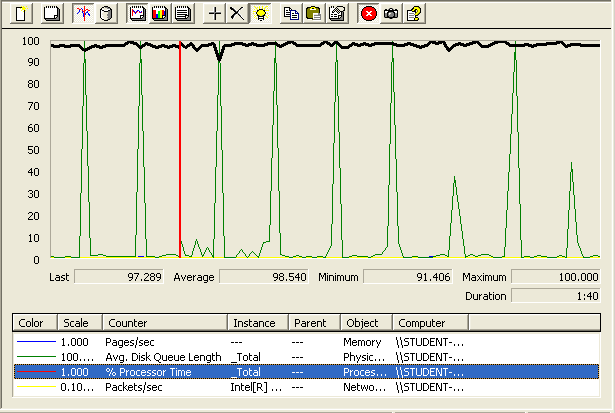




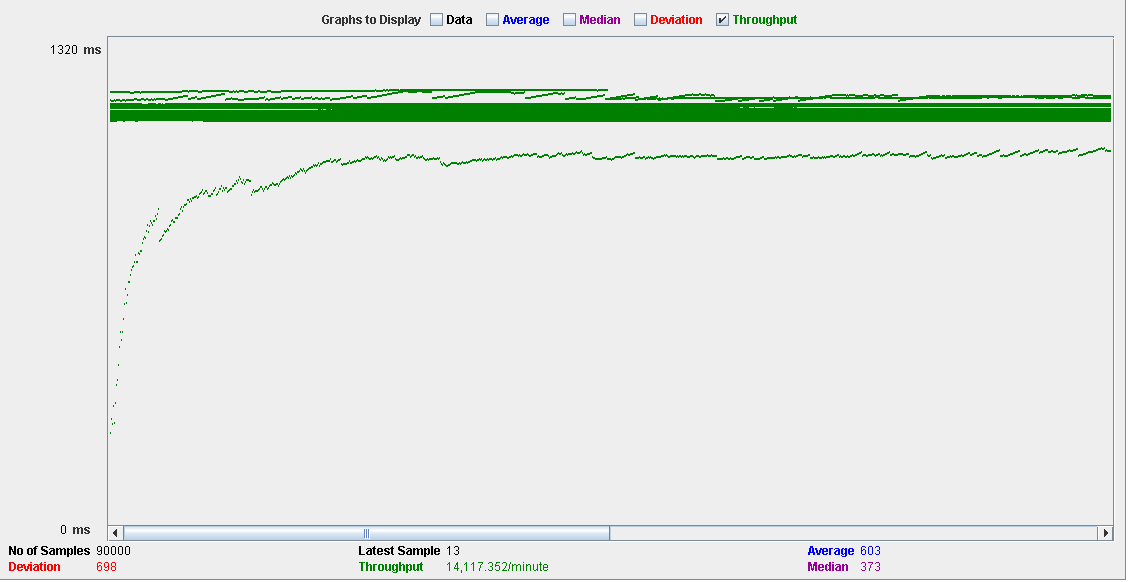
# Search Restaurant

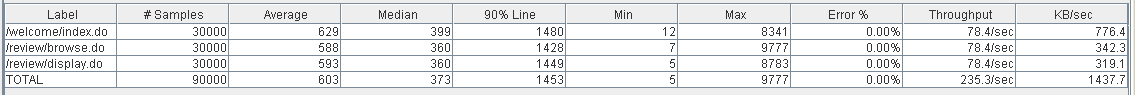


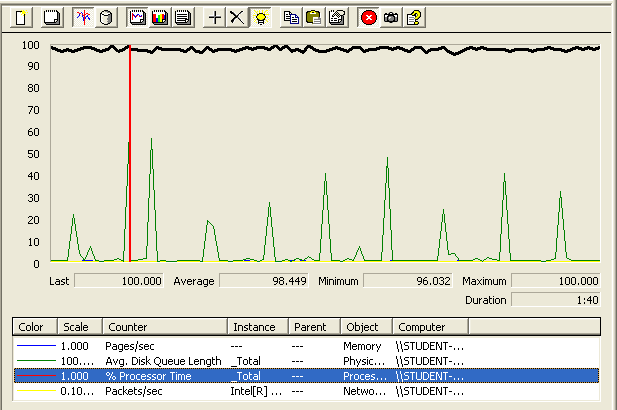




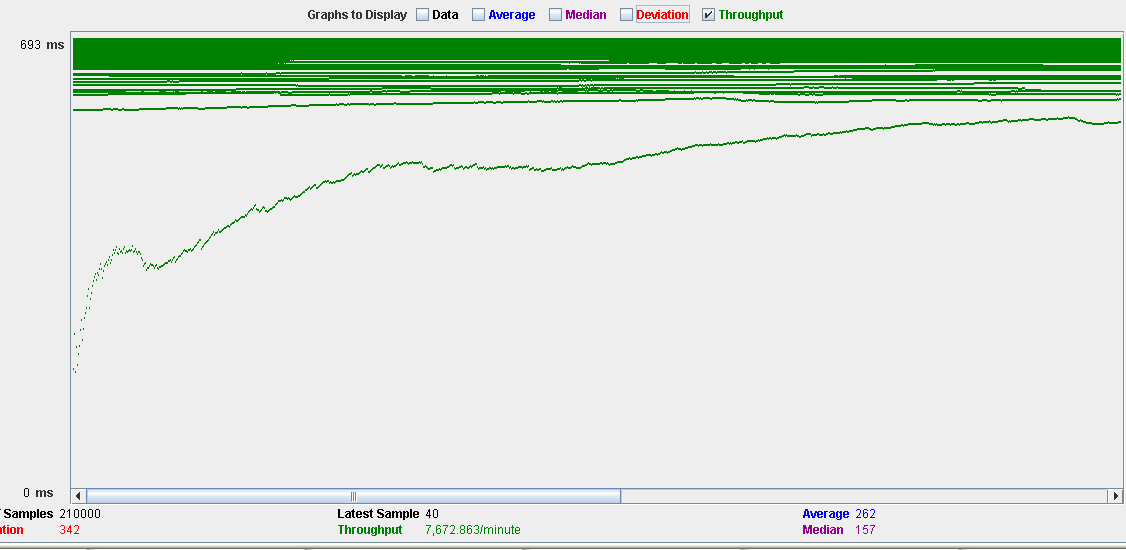
# Browse Reviews

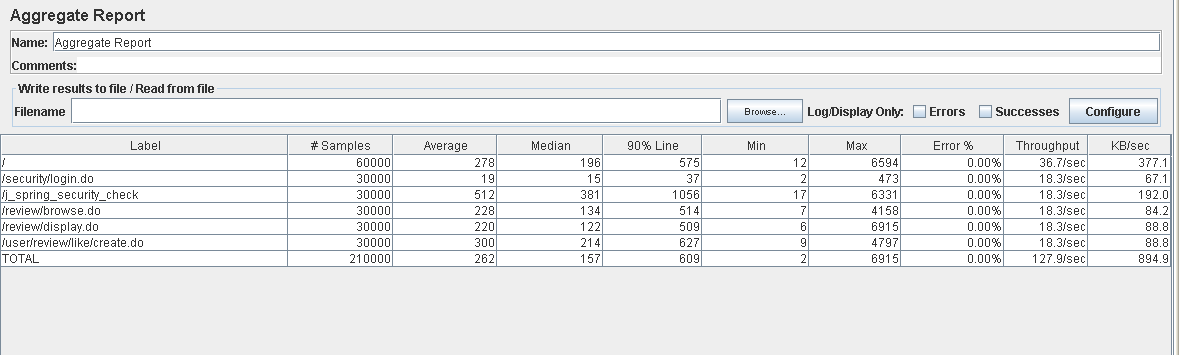


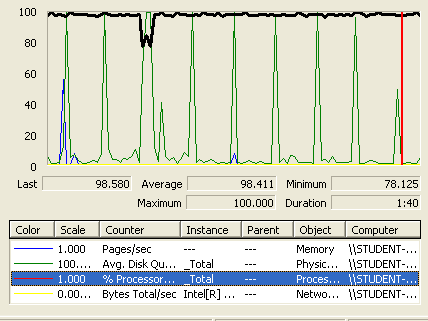




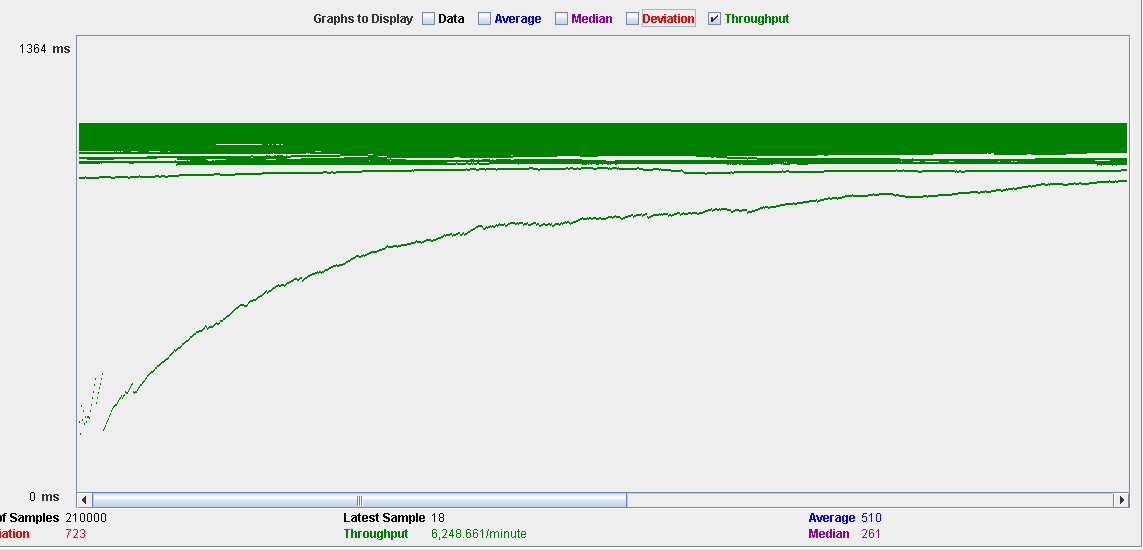
# Like a Review

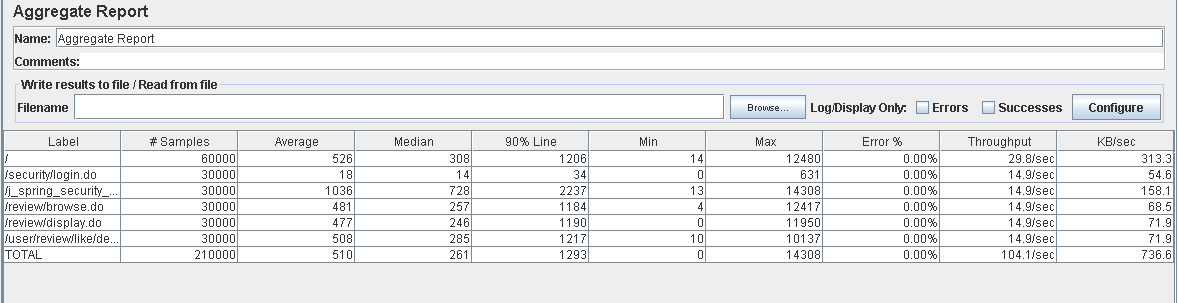


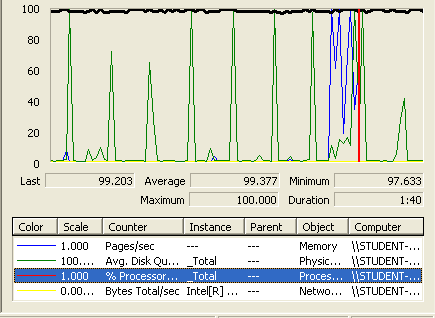




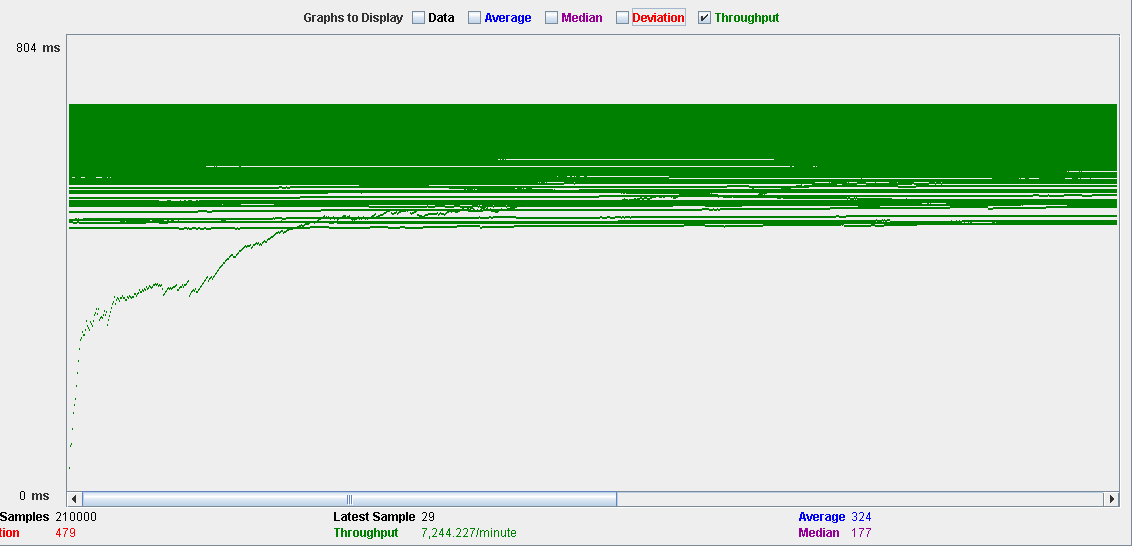
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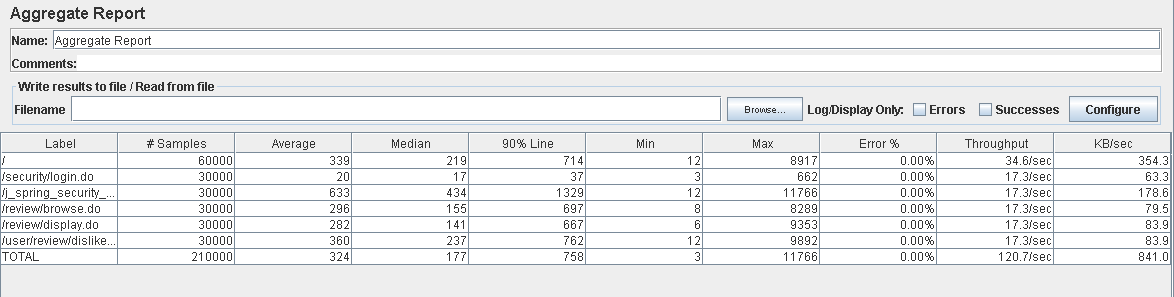


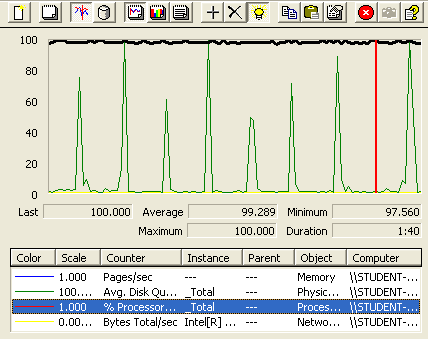




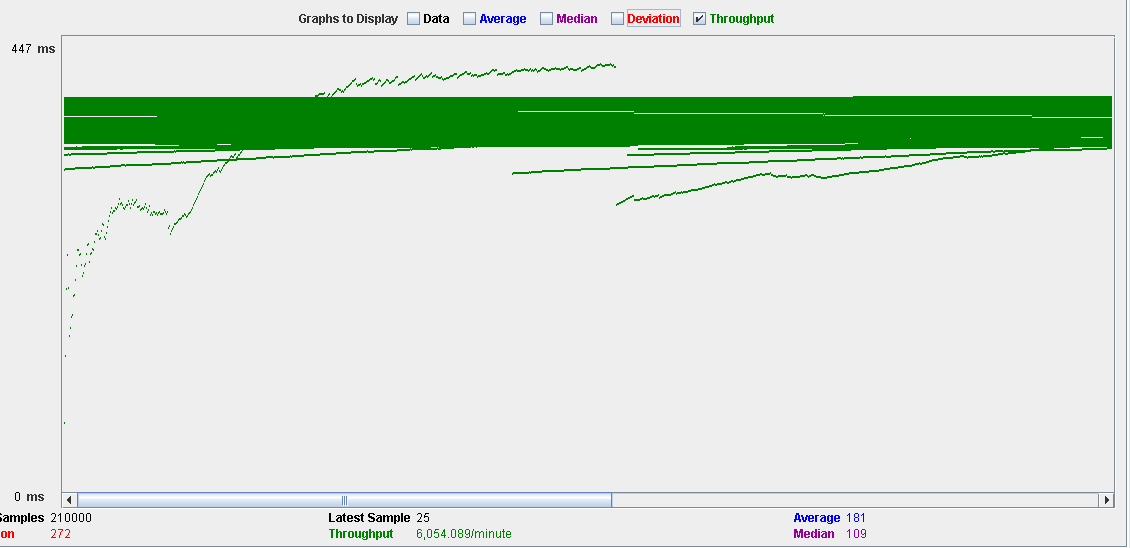
# Dislike a Review

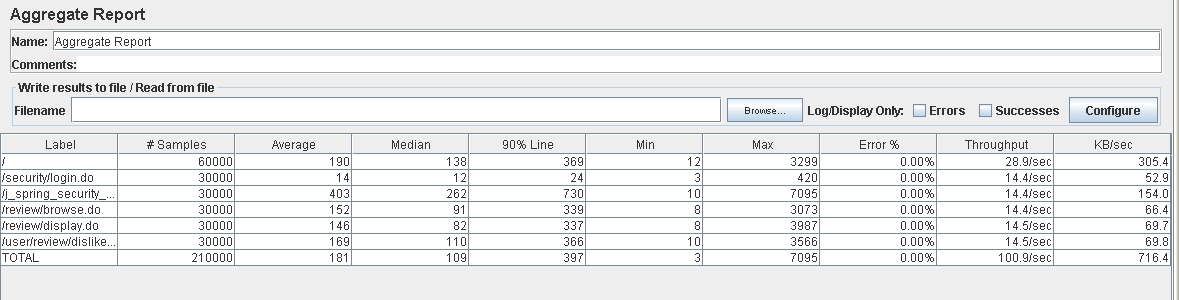


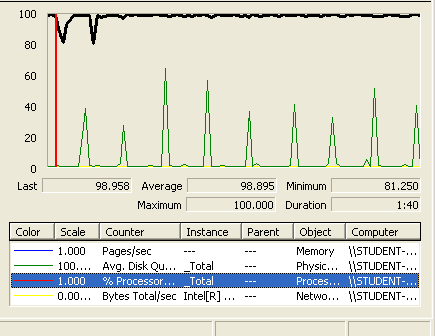




# Un-dislike a review

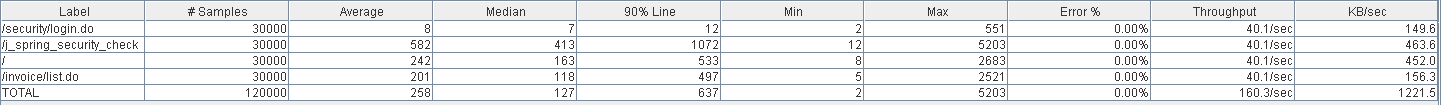


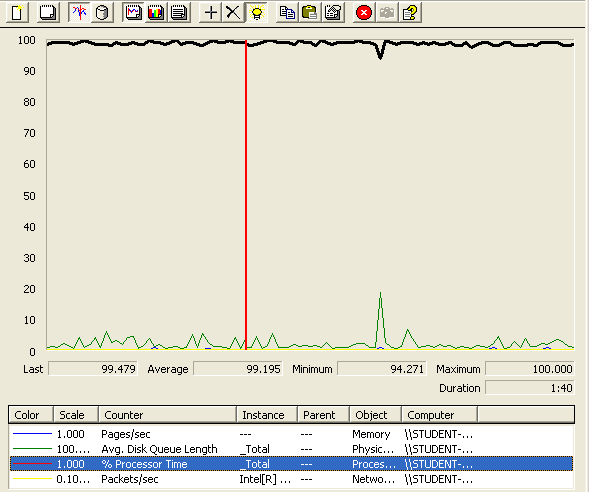




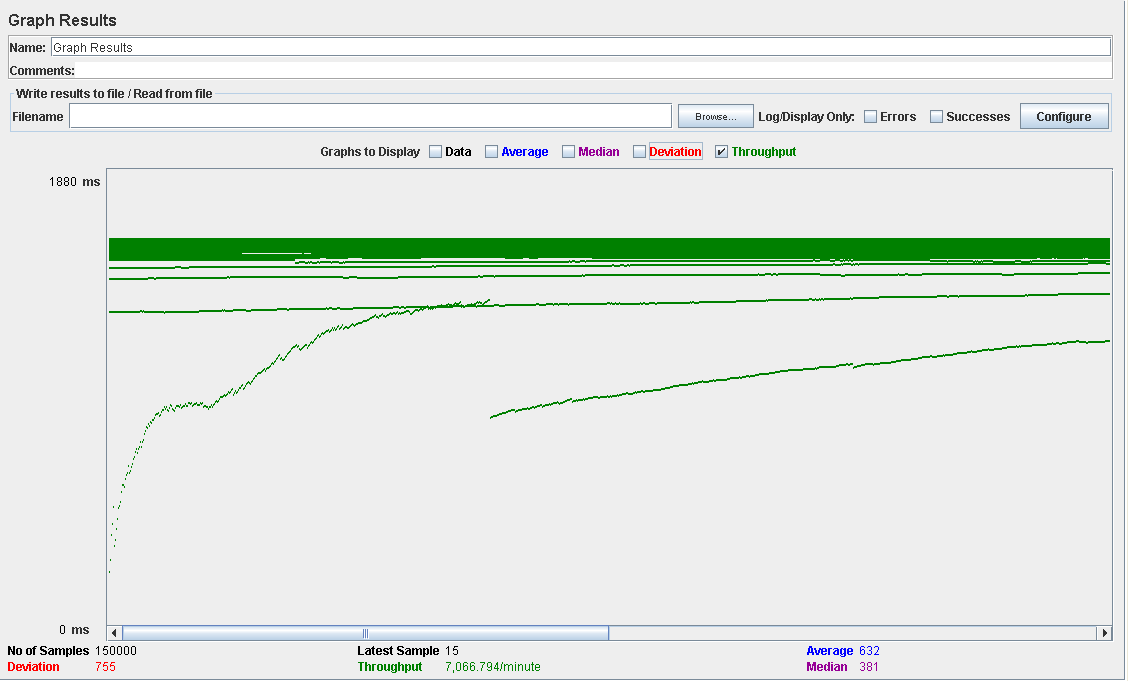
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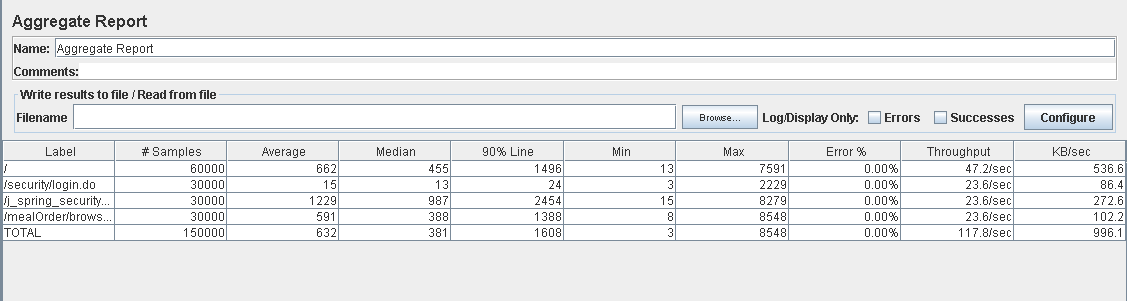


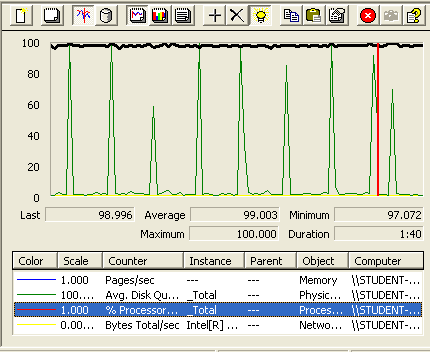




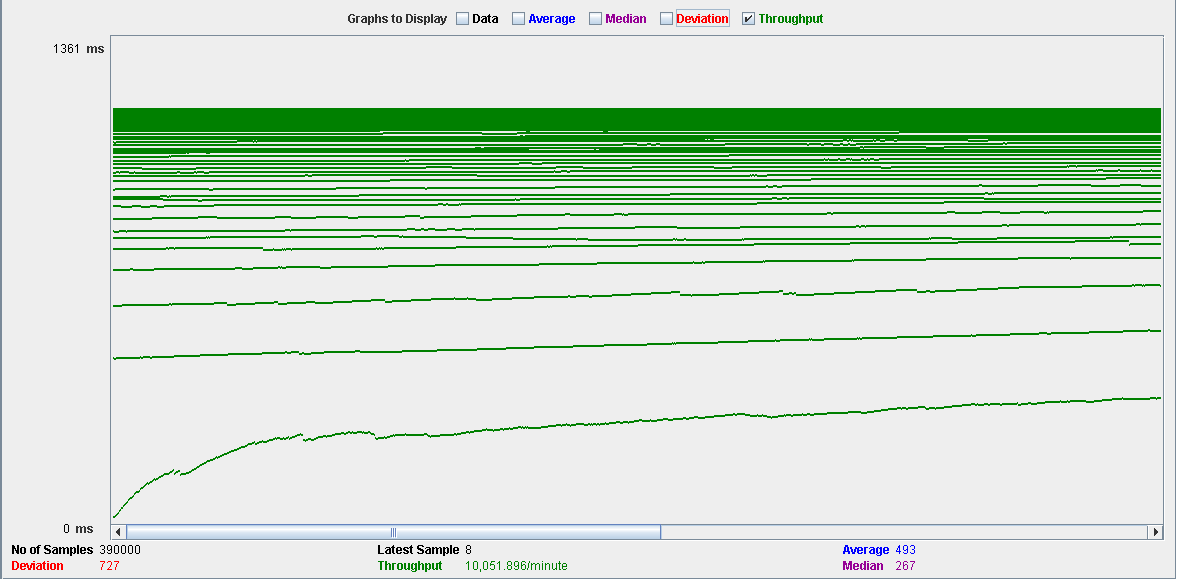
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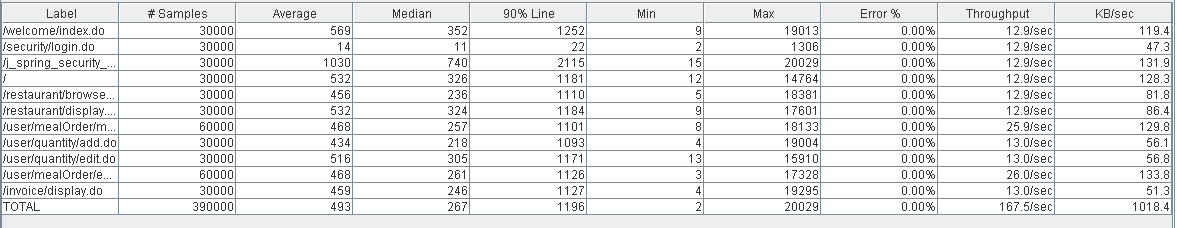


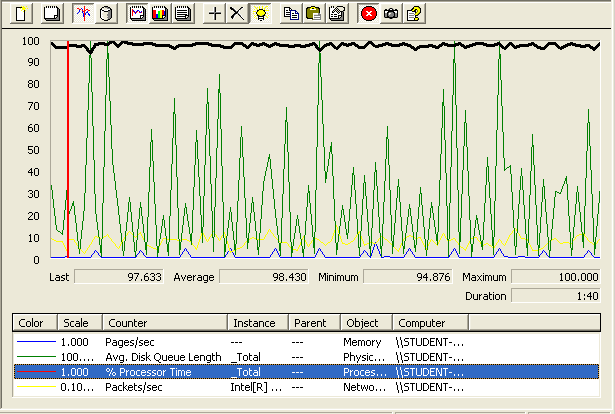




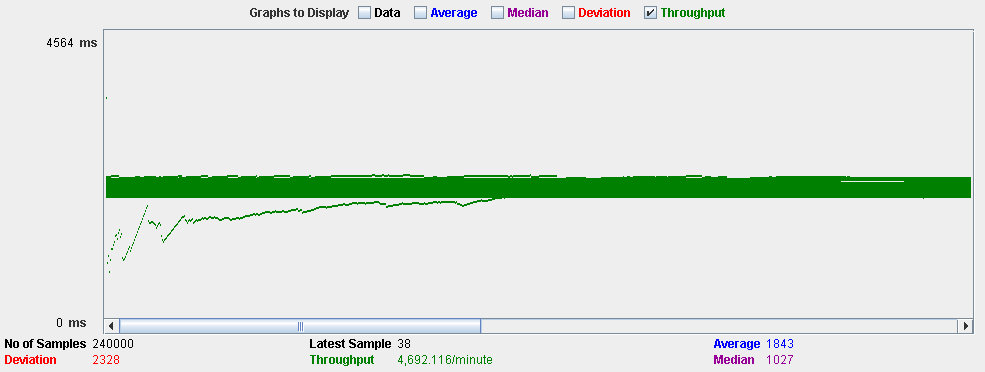
# Make order

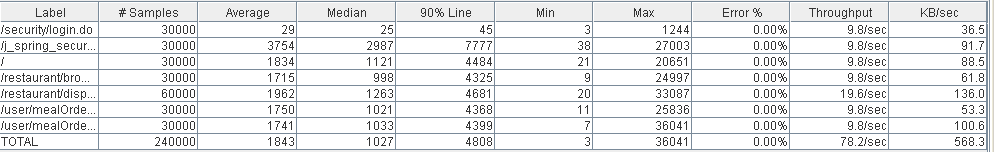


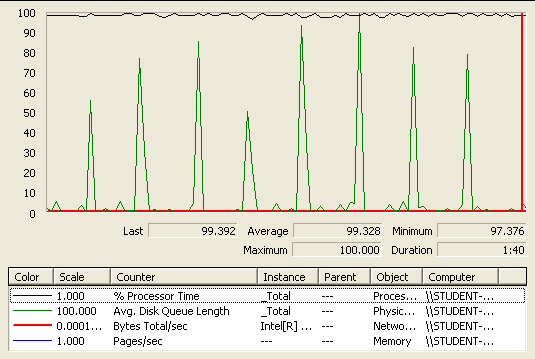




# Delete order

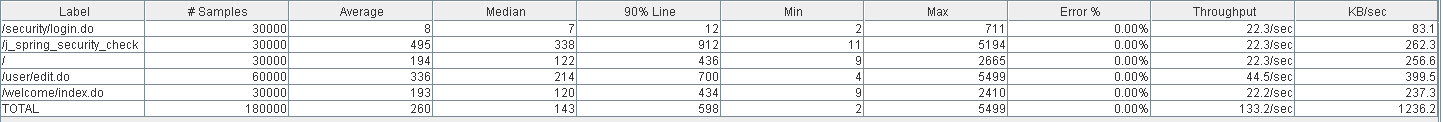


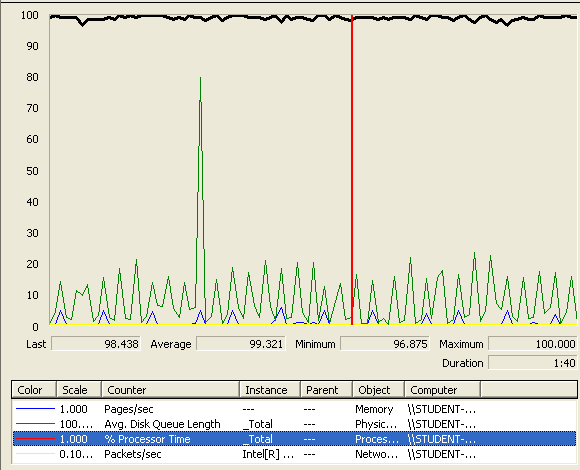




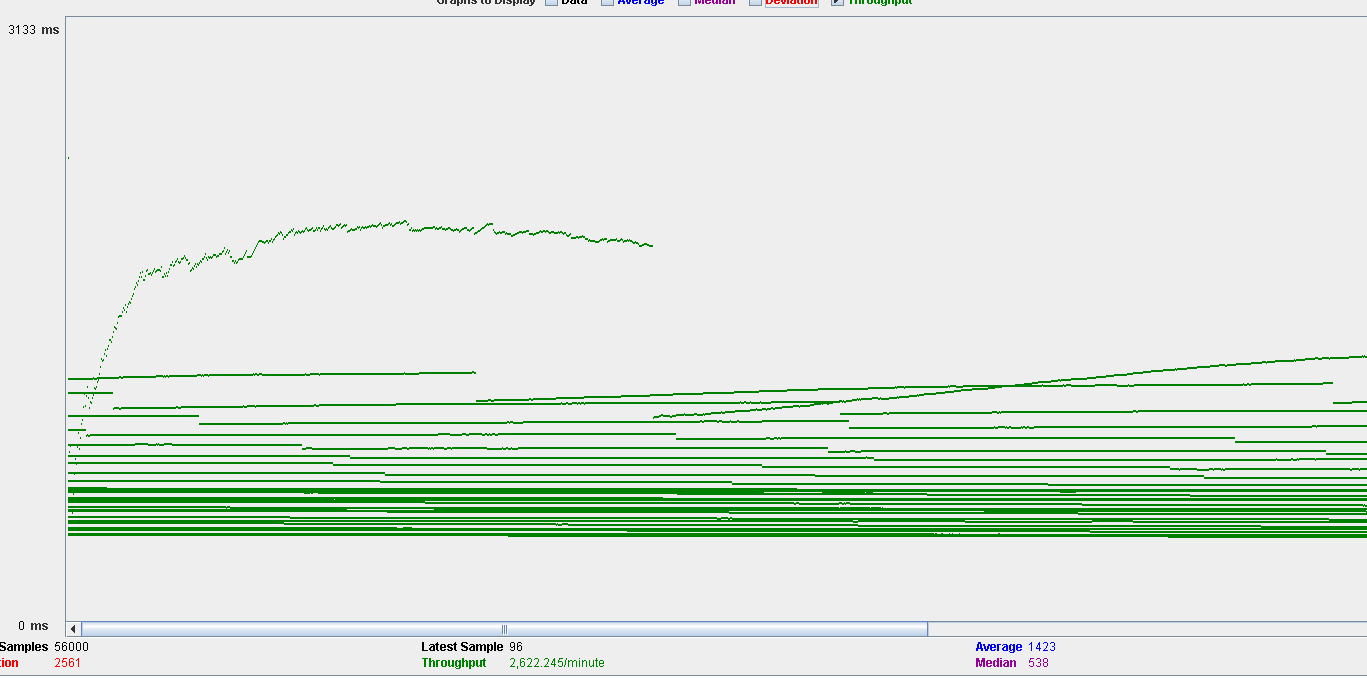
# Edit user profile

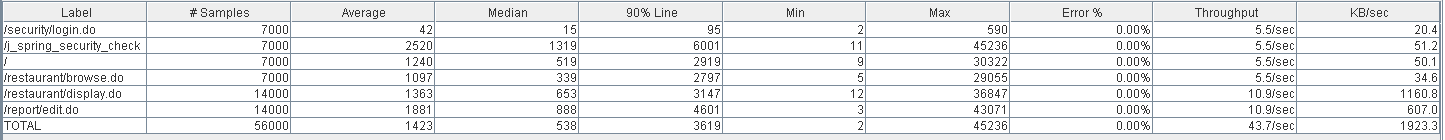


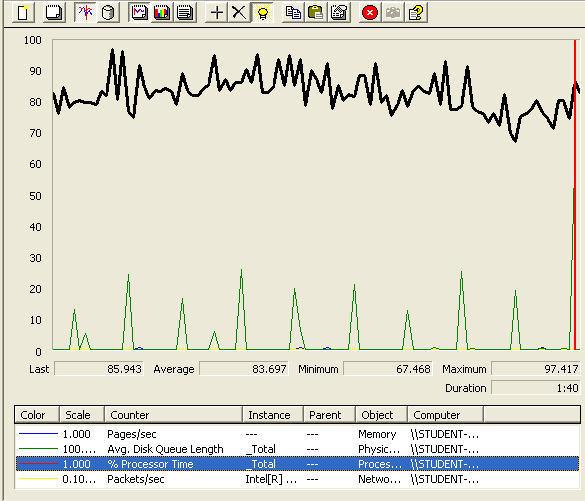




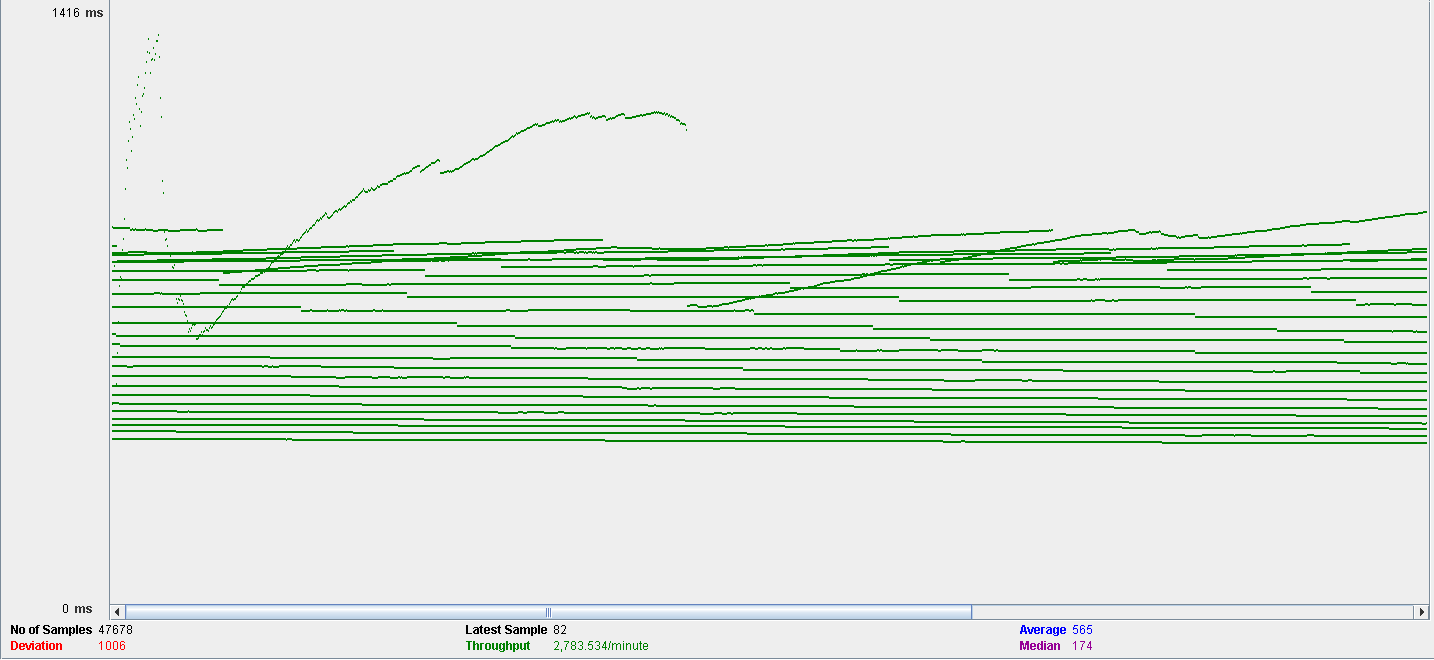
# Report a comment as user

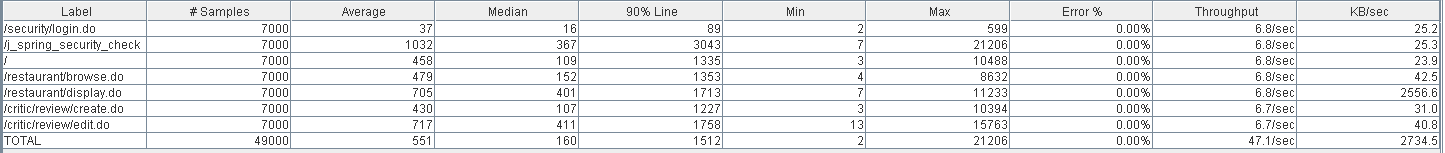


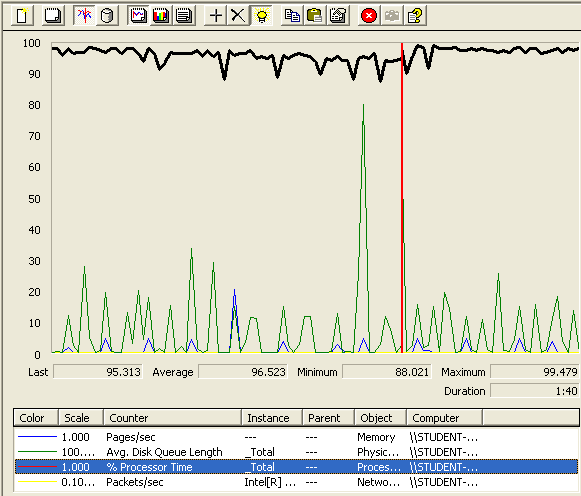




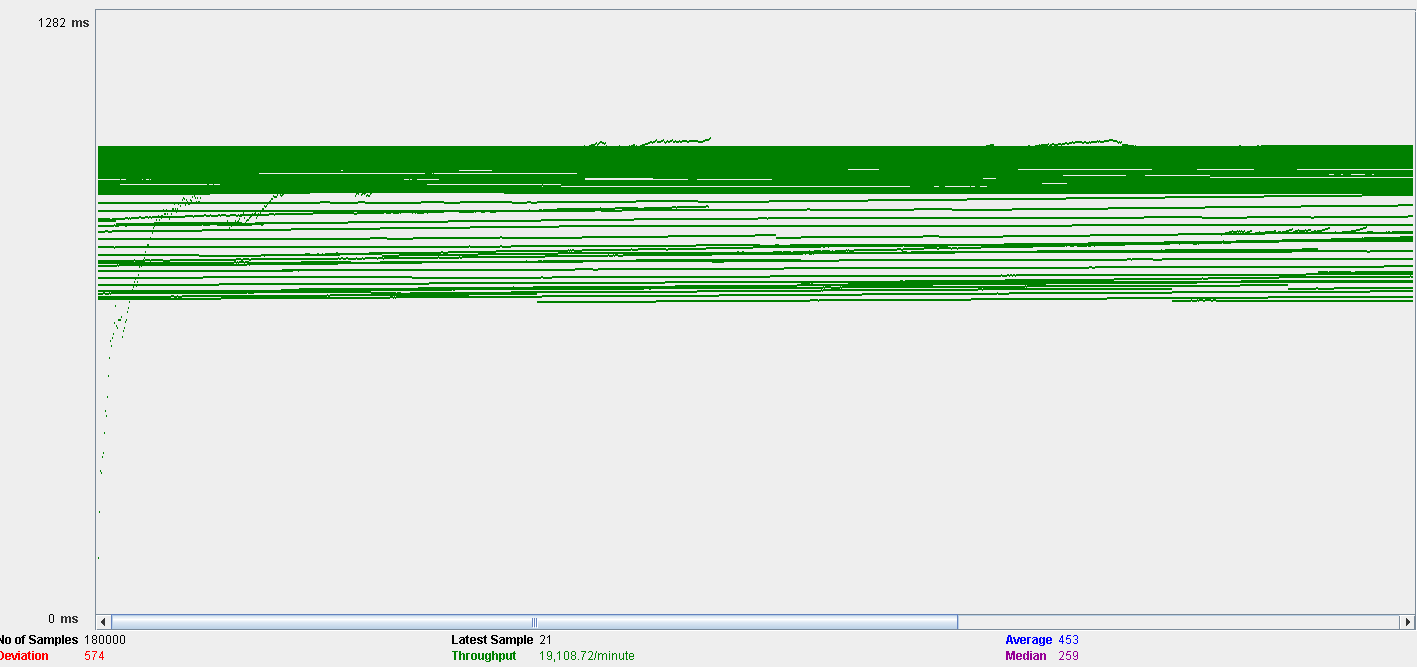
# Create Review

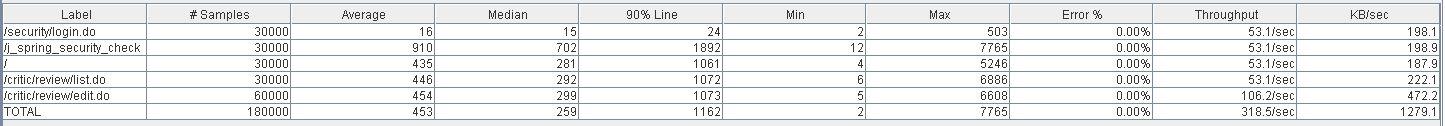


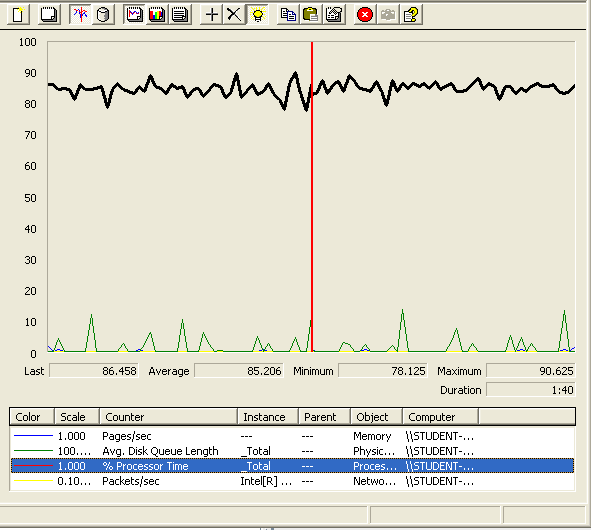




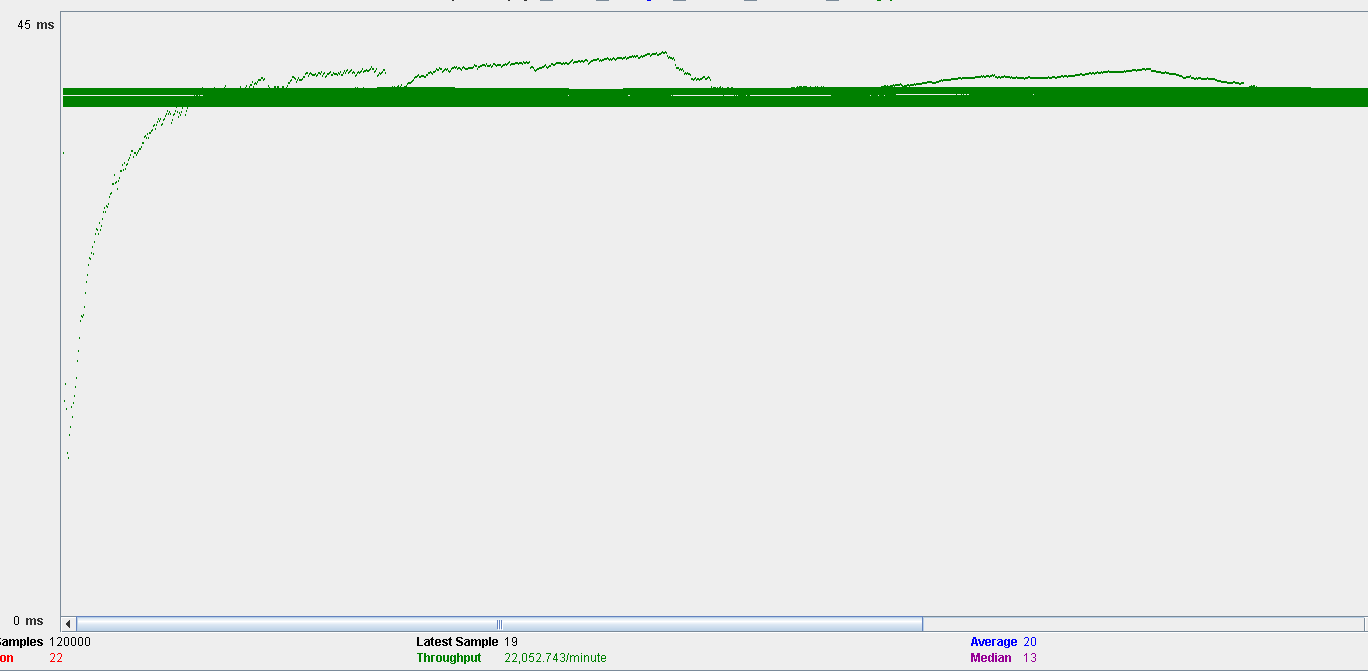
# List and edit a review

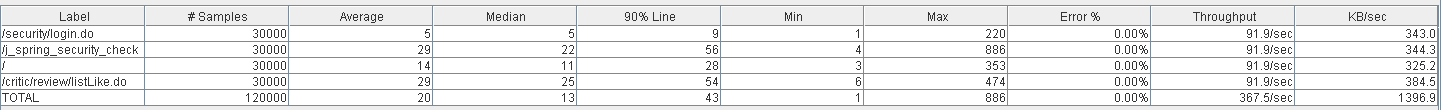


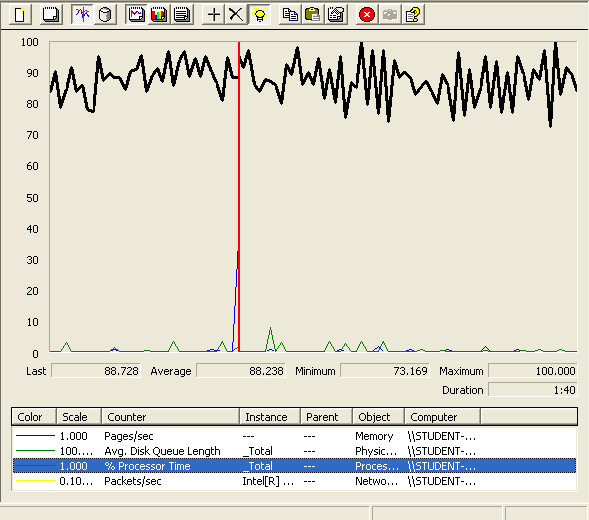




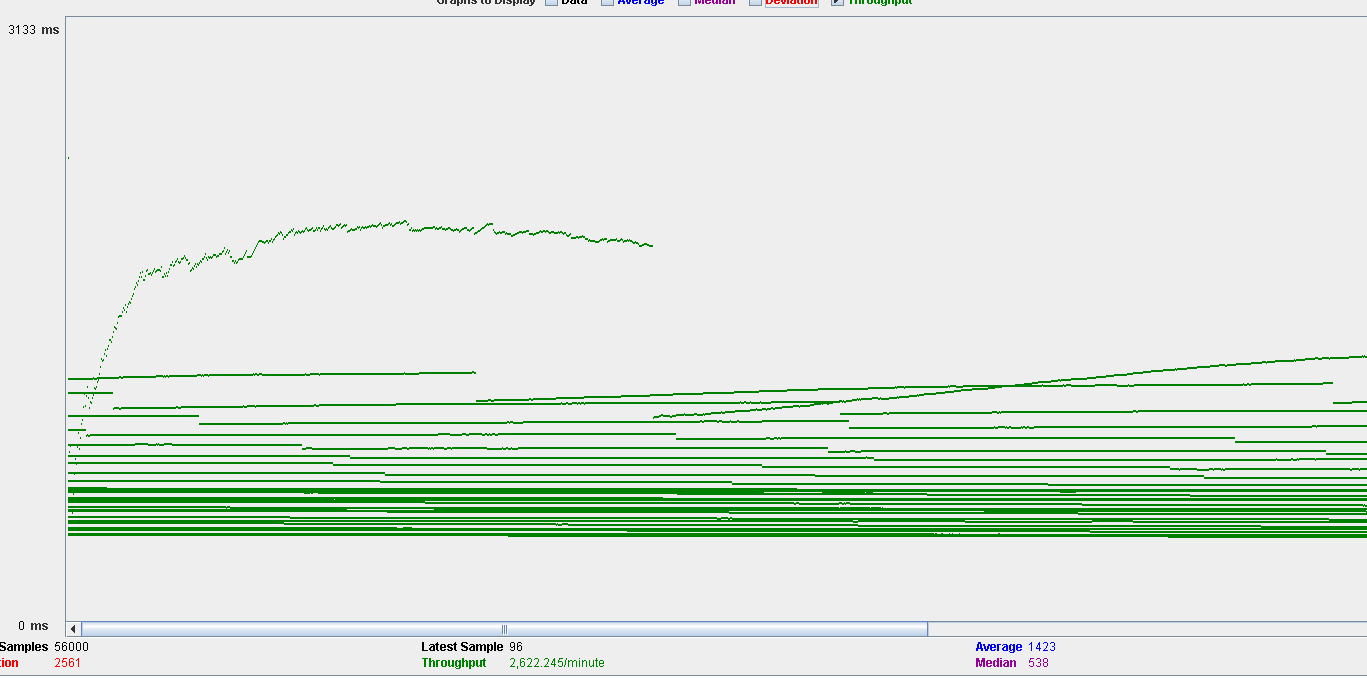
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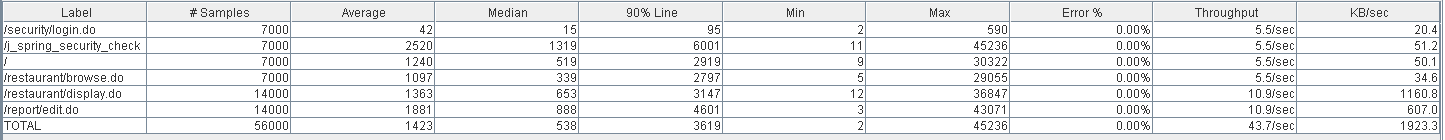


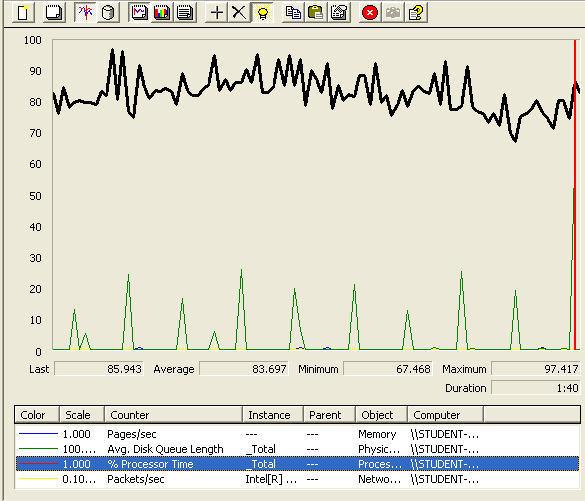




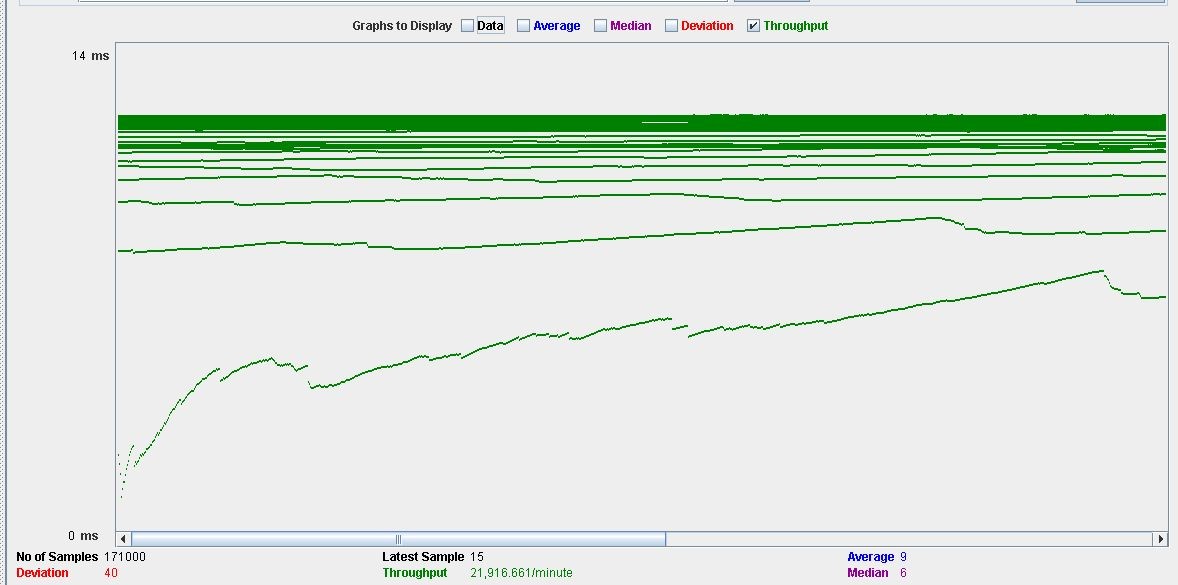
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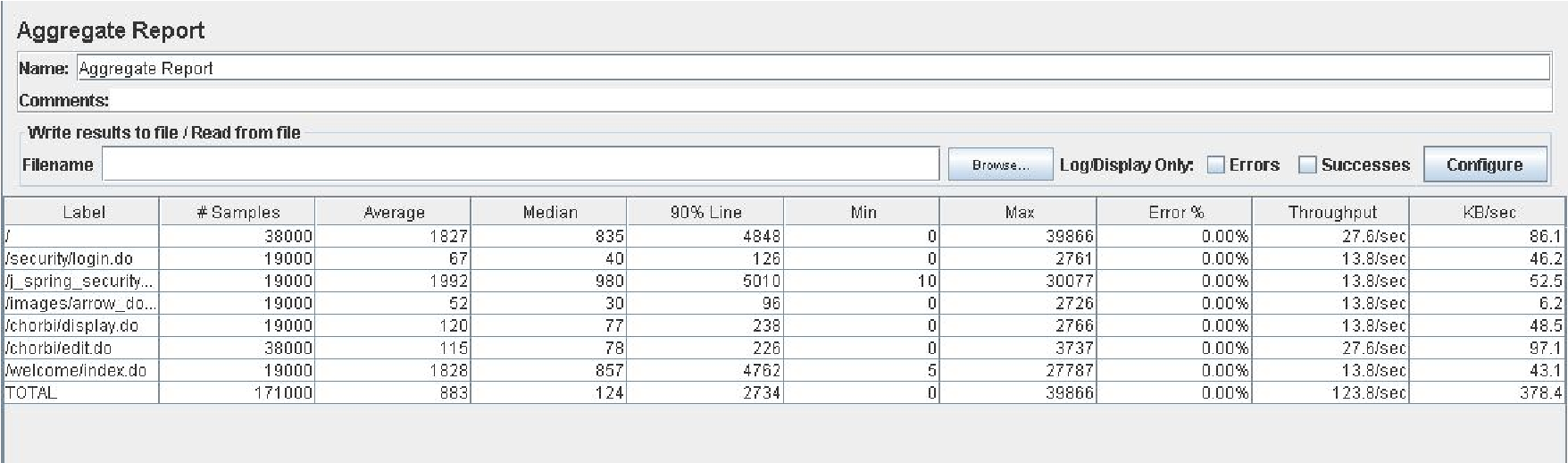


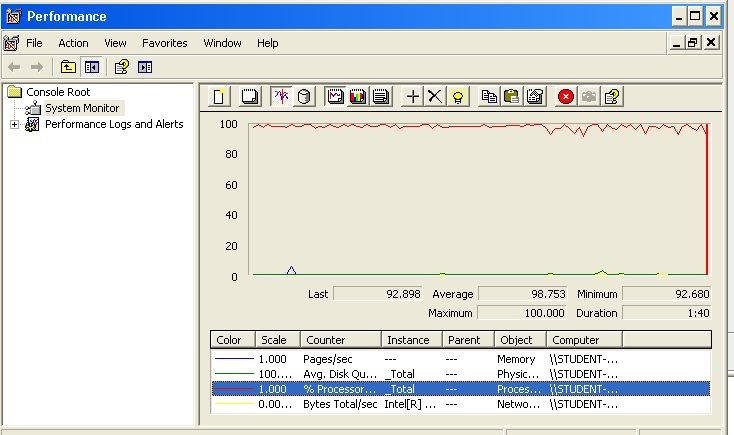




# Edit personal data







# Conclusiones

Como podemos observar en todos los test al aumentar el número de usuarios más tarda en realizarse cada acción. Además, podemos ver que el procesador es nuestro cuello de botella, si lo reemplazamos por un procesador más potente podríamos aumentar la cantidad de usuarios simultáneos.