

SQL SERVER: Average Execution Times

The average execution time of a particular database operation is an important reference for evaluating and understanding the performance and response to be expected when executing said database operation (e.g. search an asset):



This document is aimed to provide information on the average time required by an Etere system to execute a database query (e.g. asset search); all calculations have been performed under the following SQL Server configuration:

Average Times

Here below are illustrated the results of tests performed in Etere labs, providing a reference time for the performance of the following search (according to the previous specifications):

Search Information

Database Table: dbo.Filmati
Total records: 600'000
Enabled Filters: Type, Title

Single Search -PC1:

Average Response Time: 12.59 s
Average CPU Time: 19.80 s

Concurrent Search -PC1

Average Response Time: 29.44 s
Average CPU Time: 35.18 s

Concurrent Search -PC2

Average Response Time: 28.45 s
Average CPU Time: 23.79 s

Concurrent Search -PC3

Average Response Time: 30.29 s
Average CPU Time: 33.77 s

- Response Time: Amount of time elapsed before giving a result to the user
- CPU Time: Amount of time spent by the server running the query