“COMPARATIVE PERFORMANCE ANALYSIS OF DSMS AND RDBMS IN ONLINE TRANSACTION CASE”

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Abstraction

Currently Internet usage is very high by doing online transactions. Obviously this high online transaction using the database as data storage media and data. The amount of data that a lot of lead time are used to store, display and process this data is too slow. Things are slow this can not be tolerated.

To overcome the problem of slow time have found a variety of ways. One of them using the DSMS (Data Stream Management System). Examples of applications used to sign up to the DSMS is Streambase SQLStream programming language. To find out how quickly this Streambase to do testing. Testing the use of such applications by comparing the time the process worked Streambase with other data management systems, one with MySQL

These tests use for example. Example of online transactions in PSB data Surabaya. Test for data processing, as far as 40,000 and includes all the data in
the database and Streambase. To compare the test and calculation of time required for the input of these data

Test results of these two management systems provide results that Streambase can enter data much faster than MySQL

Keyword: DSMS, SQLStream, Comparative Performance Analysis