
Time analysis of query in parallel column-oriented date store

© Yu.A.Grigoryev, E.Yu. Ermakov

Bauman Moscow State Technical University, Moscow, 105005, Russia

A specific for parallel columnar data store query plan with concealed connection is analyzed. Laplas–Stiltes time query transformation with a similar plan in parallel columnar data store is shown. The comparison of time for query execution by NLJ method and invisible join method is given as a practical example.

Keywords: *parallel column-oriented data store, database system, Laplas–Stiltes transformation, invisible join.*

Grigoryev Yu.A. (b. 1951) graduated from Bauman Moscow Higher Technical School in 1975. Dr. Sci. (Eng.), Professor of the Information Processing and Control Systems Department at Bauman Moscow State Technical University. Author of over 90 publications in the field of information processing and control. e-mail: grigorev@bmstu.ru

Ermakov E.Yu. (b. 1989) graduated from Bauman Moscow State Technical University in 2011. A post-graduate student at Bauman University. Author of 7 publications in the field of information processing and control. e-mail: JK.Ermakov@gmail.com
