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Title:  
Multiple Location Execution

Abstract:

In core networks, applications frequently need to access specific data sets from a database. However, the data sets are normally distributed over several database servers, necessitating a lookup system that locates the queried data. The aim of this project is to develop and evaluate a distributed architecture to provide these specific lookup functions for data in core networks. The envisioned system needs to cope with the given performance constraints while offering additional advantages over the state-of-the-art solution. The scope of the performance evaluation varies from small-scale systems to large providers.