

Vortrag

Managing Large Data Volumes Efficiently with IBM Netezza

Dr. Knut Stolze

Architect IBM DB2 Analytics Accelerator, IBM Deutschland

Wann: am 18.06.2013 um 11:30Uhr | Raum 9-003

Abstract

Netezza is a highly specialized database management system for data warehousing operations. In this presentation, Dr. Knut Stolze gives an overview of the its system architecture and the internal query processing. It is shown how very good performance can be delivered with a very simple user interface that avoids indexes. Next, the IBM DB2 Analytics Accelerator is an integration project and commercial product that combines the strengths of Netezza's analytic query processing capabilities with DB2's superior OLTP performance. Knut highlights how the integration of both products is achieved in a (nearly) seamless way.

Short Bio

Dr. Knut Stolze is working for the Information Management department in the IBM Research & Development Lab in Böblingen, Germany. He focuses on relational database systems, specifically large scale data warehouse systems. He gained his expertise and experience in academic and industrial research and in product development. His current research efforts focus on enterprise data warehouse systems, in particular technologies like in-memory, specialty hardware for high performance query processing, and database federation. Knut Stolze is a senior software developer and master inventor at IBM. In his role as an architect, he is responsible for the design and implementation of the IBM DB2 Analytics Accelerator for z/OS. Prior to the current project, Dr. Stolze worked in the DB2 Spatial Extender development team, earned his PhD at the University of Jena, Germany, in 2006, and subsequently moved on the the DB2 z/OS Utilities development.