

The iMeMex Dataspace Management System: Architecture, Concepts, and Lessons Learned

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Abstract. The iMeMex Project was one of the first systems trying to build a so-called dataspace management system. This tutorial presents the core concepts of iMeMex. We discuss system design concepts, dataspace modelling, dataspace indexing, dataspace query processing, and pay-as-you-go information integration. We will present some important lessons learned from this project and also discuss ongoing and open research challenges.

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Slides and Other Material

Slides will be made available electronically¹ after the talk. An accompanying article will appear in the Data Engineering Bulletin, special issue on “New Avenues in Search” in June 2009.

¹ <http://infosys.cs.uni-sb.de/jensdittrich.php>