IBM technologies for managing distributed data

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IT based solutions have irreversibly become an integral part of today's enterprises and organizations. With time the number of mostly isolated systems - intended to manage different areas of problems – has emerged in a way that blocks efficient work and maintainability of the infrastructure instead of enhancing them. Information Integration technologies offer the basic, but probably the most essential means to solve this problem. The discourse is intended to provide an insight to solutions capable of masking differences and distance between data sources which are heterogeneous both geographically and technologically. Covered topics are data quality analysis, data quality improvement, data cleansing and enrichment of data. Audience gets a detailed view of modern data transformation (ETL) techniques, real-time data integration and ETL, as well as data virtualization and federation.