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E-SYSTEM FOR AUTOMATIC DATA MIGRATION

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ABSTRACT. Interoperability represents an important issue in developing successful e-Services applications. Many times data is obtained from services belonging to one organization and must be used within a service under the domain of another one. Automatic data migration and transfer utilities are not sufficiently addressed. There are various ways of moving data between files and databases, all with the common inconvenience that the structure of the data is fixed. Today's users' requirements are for data transfer tools that provide increased flexibility. We present a solution for automatic data migration that is able to handle data transfers between different database instances. The solution is able to work with dynamic data schemas, and requires minimal user input and interaction. The solution was evaluated as a case study in a real-world e-System designed to automatically collect report data.