

[The MIT Information Quality
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Title:

Commercial off the shelf data quality solutions

Abstract:

The amount spent on data cleaning and on software applications for managing data quality now exceeds \$250 million per year and is growing rapidly. The eOTD, ISO 22745 and ISO 8000 have allowed not only the development of standardized data cleaning processes but also standard software features that allow these services and applications to be objectively measured and compared. Beyond the eOTD as a common terminology resource for semantic encoding, the standardization of a method for expressing data requirements and exchanging encoded data in ISO 22745 has resulted in a plug and play COTS environment where the quality of the data can be easily verified using ISO 8000 and where data has truly become portable not only from one application to another but also from one data cleaning contractor to another. The end result is faster, better and cheaper access to quality data.