ABSTRACT

The present invention relates to a system and methodology to facilitate interoperability and compatibility between disparate data systems. In one aspect, a file transformation system is provided having at least one file associated with one or more unstructured properties. A file property handler manipulates the unstructured properties in accordance with one or more structured properties associated with a structured object store environment. If an unstructured file is to be operated in the context of a structured object store environment, a promotion operation is performed to update unstructured properties in the file with structured properties suitable for operation in the structured object store environment. If a promoted item were to be manipulated in the structured object store environment, a demotion operation or reverse transformation is performed to update properties in the file.