Using Document Type Definitions to Merge XML Documents

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ABSTRACT

XML provides the flexibility that users can define the structure for their own data. When merging different XML documents regarding to the same data, it becomes difficult due to the lack of fixed structure. In this research, we provide a mechanism to merge different XML document by examining their structures, or their DTD's. By merging DTD's, our system generates a new DTD that validates the original input XML documents and thus provides a new DTD for the merged document.

Keywords : minimum merged structured ; document type definition ; structure merge

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