Improving Version-Aware Word Documents.

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Abstract
Coakley–\textit{et al.} described how they developed Version-Aware Word Documents, which is an enhanced document representation that includes...
that is self-contained and portable. However, they were not able to adopt the unique-ID-based techniques that have been shown to support efficient merging and differencing algorithms.

This thesis describes how it is possible to adapt existing features of MS Word's OOXML representation to provide a system of unique element IDs suitable for those algorithms. This requires taking over Word's Revision Save ID (RSID) system and also defining procedures for specifying ID values for elements that do not support the RSID mechanism. In addition, we provide an updated version of the Coakley et al. Important limitations remain but appe:

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