

High Performance XML/XSLT Transformation Server

Benchmark Report

CS Senior Capstone

XZES40

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Benchmark Description: Our team tests two software. One is Xalan and the other one is Altova. Our client requires us XZES40 transformer should be worked in Debian system. Only the Xalan can work in the Debian system. The Altova is worked in Windows platform. Our goal is that comparing two software which one is faster. After we compare, we can set up a goal for our application. We use LAN Speed Test to test how long the file can transfer completely. The test file is located in XZES40-Transformer/xzes40/transformer/test.

Filename	Altova	Xalan
book	0.0059593s	0.0063542s
book0	0.0124344s	0.0185461s
book2	0.0095234s	0.0154687s
ExpReport	0.0073892s	0.0082563s

Summary: Because the Altova is not free application so that it is faster than the Xalan application. Our team will improve the XML/XSLT transform performance by using caching. Our application will try faster than Xalan.