

Effects of Interface Platforms on Language Translation:
An Evaluation of FALCon

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ABSTRACT:

Our project focuses on language translation technology and its military applications. Languages often represents a huge barrier between our armed forces and the local populace of the many places they are deployed, and finding easier ways to overcome this barrier is always in the military's best interest. Translators are not always easy to come by, so an alternate means of language translation would be very useful. We will be working with the FALCon software, a language translation package. Our research will be looking at the effectiveness of moving this technology onto a smaller, handheld platform. Based on Scaled Display heuristics and the FALCon software, we are attempting to transform the software into a handheld platform that will still provide the same software capabilities.

KEYWORDS: language translation technology, FALCon software, Scaled Display heuristics

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