

BoxerJS: Reflections on a Javascript Boxer Implementation

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ABSTRACT

In this paper, I present reflections on, and inspired by, my recent attempts to implement a web-based javascript implementation of Boxer. First I will comment on aspects of the implementation that have been surprisingly easy, and aspects that have been surprising difficult. Using javascript and ReactJS, I have found that some of the structure of Boxer has fallen out naturally, and with little effort. In other places, however, Boxer's logic diverges in ways that pose significant difficulty. Second, I discuss how I think the new web-based Boxer could differ from the original conceptualization of Boxer. The power of current computers makes new features possible. In addition, I believe it is necessary to think anew about the niches that Boxer can fill in the current landscape.