

Assignment 3

Exercises to hand-in:

1. Give a review of the paper by Hosoya, Vouillon, and Pierce: Regular Expression Types for XML. It should be about one page, and consist of a compelling mix of summary, key ideas (in particular, explain the idea of the subtyping algorithm and, if you can, also the connection to tree automata, which is (only) mentioned in the article), questions you have, flaws you have found, and evaluations of quality.
 2. Optional: download the XDuce implementation and implement some of the transformations from Assignment 1 (from XML to HTML) using XDuce.
 3. Give a review of the paper by Cardelli and Ghelli: TQL: A Query Language for Semistructured Data Based on the ambient Logic. It should be about half a page, and consist of a compelling mix of summary, key ideas, questions you have, flaws you have found, and evaluations of quality. NB: You are not required to consider Section 7.
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