

# Taming the beast — Advances in paragraph tagging with pdf $\TeX$ and Xe $\TeX$

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In this talk I will demonstrate and describe our solution for automatically tagging paragraphs when using engines such as pdf $\TeX$  or Xe $\TeX$ . The situation with Lua $\TeX$  is different and simpler and therefore not subject of this talk.

I briefly touch on the problems one encounters and explain the approaches we used to overcome them. This will be done with a number of demonstrations intermixed with theoretical explanations.

This work is part of our multi-year journey to gradually modernize L<sup>A</sup> $\TeX$  so that it can automatically produce high-quality tagged and “accessible” PDF without the need to post-process the result of the L<sup>A</sup> $\TeX$  run.