

## TSE-2023-02-0066: Minor Revision

Dear Editorial Office of *IEEE Transactions on Software Engineering*,  
Dear Prof. Martin Robillard, Associated Editor,

We are happy to submit a minor revision of our paper entitled “**Automatic Specialization of Third-Party Java Dependencies**”. We thank the reviewers for their comments and suggestions, which have helped once again to improve the quality of our manuscript. We have addressed the two points mentioned by Reviewer #2 as follows: 1) we discuss the execution time of `DEPTRIM` in the Discussion section, and 2) we clarify the origins of the concept of "specialization" in the Introduction section.

All changes are highlighted in orange in the revised version of the manuscript.

### Reviewer #1

We thank you for the constructive feedback on the first iteration of this work and for your support on the major revision.

### Reviewer #2

We have addressed the two points regarding `DEPTRIM`'s execution time and the novelty of "specialization" as follows:

1. Execution time: We have collected build execution data about `DEPTRIM`'s run time for the three case studies described in Section 6.2.<sup>1</sup> We added a paragraph in that same section to discuss the usage of `DEPTRIM` in production.
2. Specialization: We have reworked the novelty claims of our work in the Introduction section. In particular, we clarify that API specialization is not a novel concept that we invent as it has been defined in previous work.

Sincerely yours,  
César Soto-Valero, Deepika Tiwari, Tim Toady, and Benoit Baudry

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<sup>1</sup>See <https://docs.google.com/spreadsheets/d/10lq2jIZC9IMFGXn0Uu1HtcVYxn-zrKJjo09JQAE9icg/edit?usp=sharing>