I.OBJECTIVE

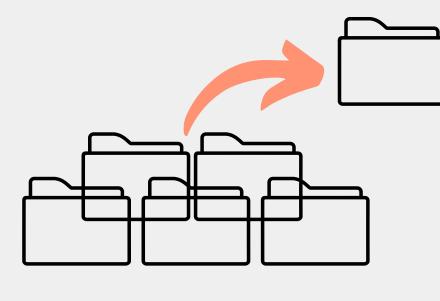
- Common types of Haskell bugs
- Limitations of existing taxonomies in Haskell bugs
- Bugs in the Haskell wild

2.METHODOLOGY

- 10 open source Haskell repositories
- 142 bugs
- 2 taxonomies:
 - by Catolino et al. [1]
 - by Seaman et al. [2]
- 4 interviews with Haskell developers

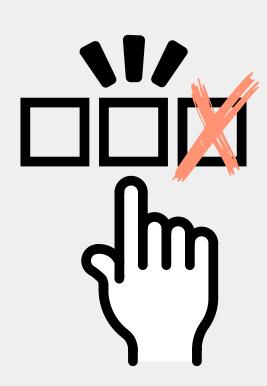
Fig 1. Overview of the workflow

4 IMITATIONS



Repository choice

Subjective classification





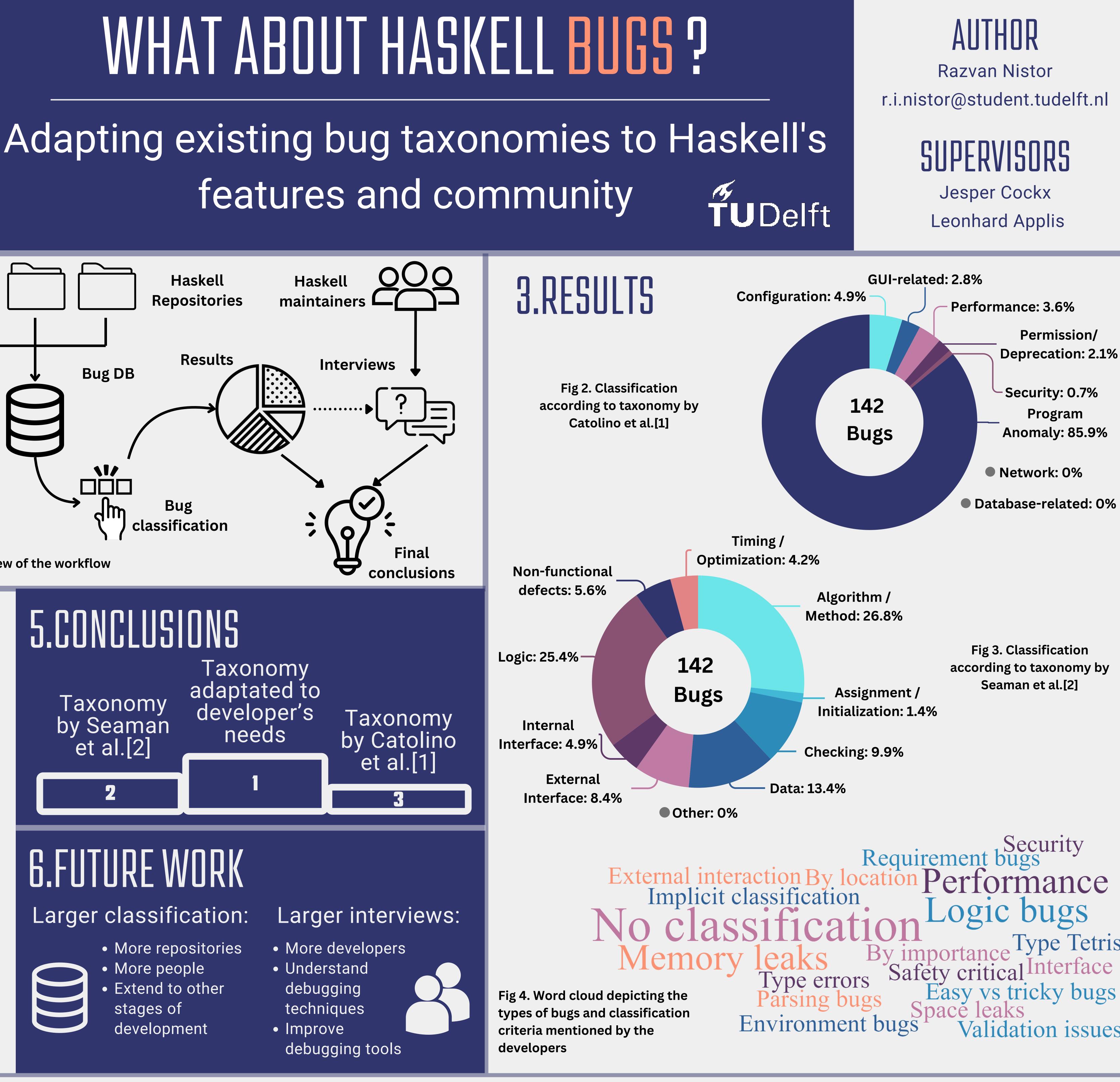
Small dataset

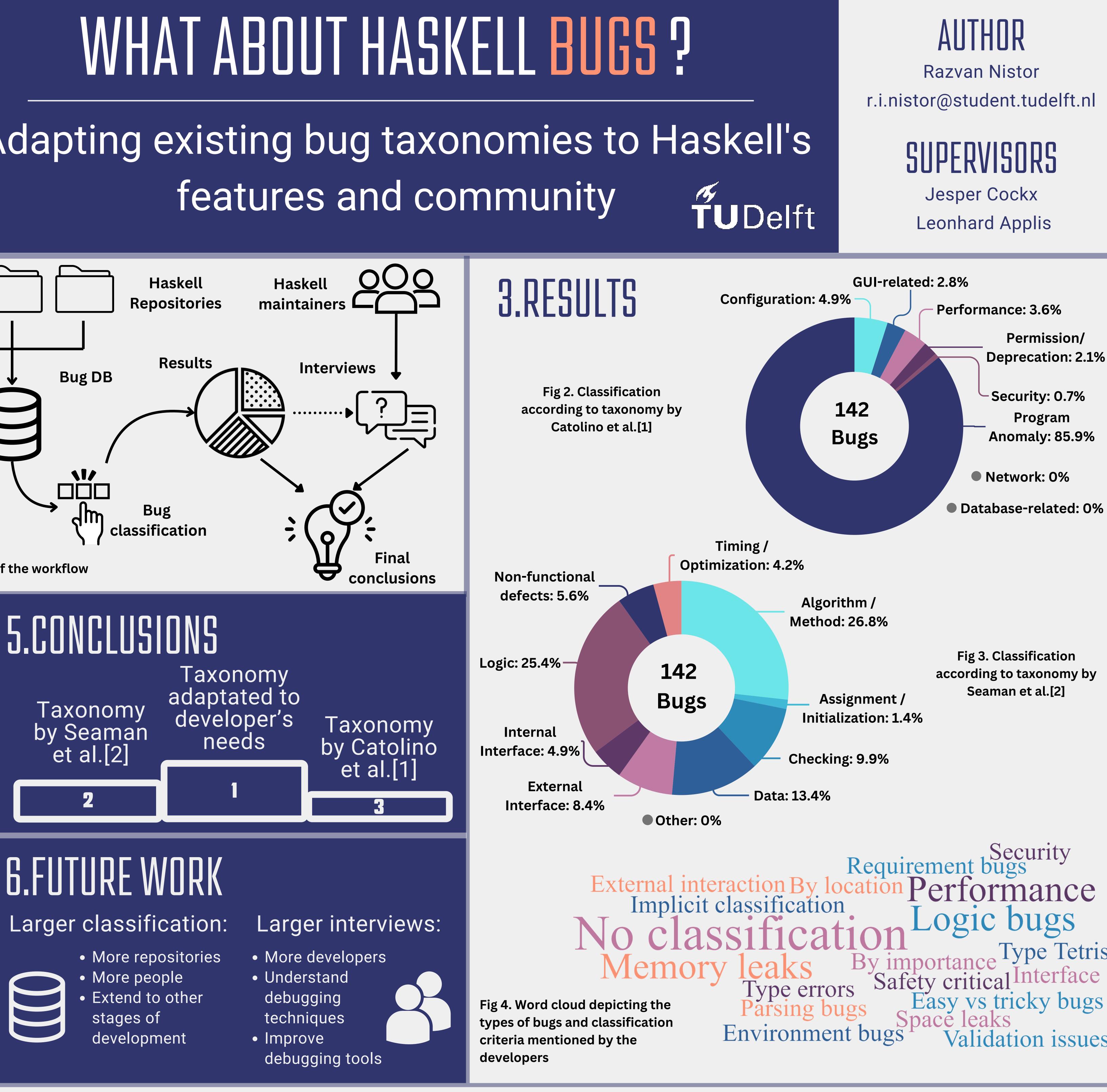
Limited perspectives



[1] Gemma Catolino, Fabio Palomba, Andy Zaidman, and Filomena Ferrucci. Not all bugs are the same: Understanding, characterizing, and classifying bug types. Journal of Systems and Software, 152:165–181, June 2019. [2] Carolyn B. Seaman, Forrest Shull, Myrna Regardie, Denis Elbert, Raimund L. Feldmann, Yuepu Guo, and Sally Godfrey. Defect categorization: making use of a decade of widely varying historical data. In Proceedings of the Second ACM-IEEE international symposium on Empirical software engineering and measurement, pages 149157, Kaiserslautern Germany, October 2008. ACM.

features and community





Type Tetris alidation issues