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Efficiently Detecting Structural Design Pattern Instances Based on Ordered Sequences

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Highlights

- We optimize search order so that the most representative classes are detected first.
- We ignore a large number of irrelevant classes to greatly reduce the search space.
- 100% recall is achieved if correct ordered sequences of design patterns are given.
- It runs significantly faster on large-scale software than the compared approach.
- We give all necessary info on all GoF structural patterns for readers to follow it.

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