

# „Tool-supported Refactoring for JavaScript”

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## Presentation agenda:

- 1) Introduction
  - a. Introduction to JavaScript refactoring
  - b. Major contributions
- 2) Some refactoring examples
  - a. Initial JavaScript program
  - b. *RENAME* refactoring
  - c. *ENCAPSULATE PROPERITY* refactoring
  - d. *EXTRACT MODULE* refactoring
- 3) Presentation of framework for Java Script refactoring with Pointer Analysis
  - a. Basic queries presentation
  - b. Specifications of three refactorings
    - i. *RENAME* specification
    - ii. *ENCAPSULATE PROPERITY* specification
    - iii. *EXTRACT MODULE* specification
- 4) Implementation details
- 5) Presentation of testing results
  - a. Statistics
  - b. Benchmark programs
  - c. Complex analysis for mentioned three refactorings
  - d. Summary
- 6) Some similar works related to...
  - a. ... refactoring
  - b. ... JavaScript analysis
- 7) Conclusion