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Predicate Analysis with BLAST 2.7.3

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BLAST 2.5

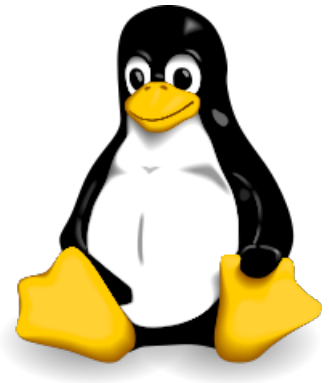
Berkeley
Lazy
Abstraction
Software
Verification
Tool

BLAST 2.7.3

ISP RAS

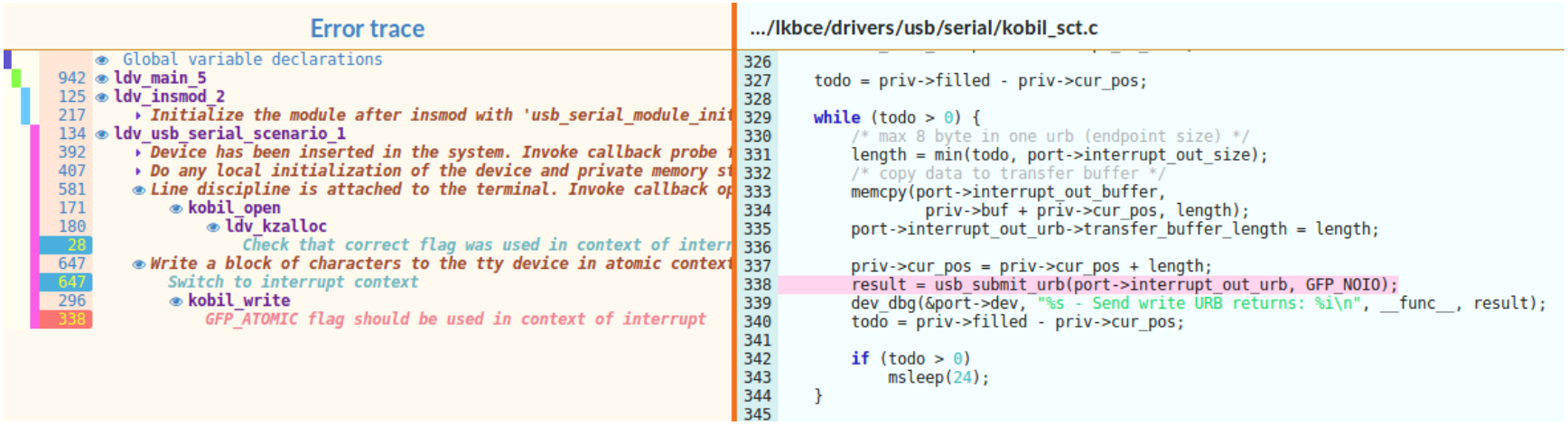
Linux Driver Verification Project Goals

- Provide infrastructure for application of verification tools to the Linux device drivers
- Research new verification approaches in the industrial settings
- Improve quality of the Linux device drivers



Witness Visualization

- Recommendations for using existing witness format for the ease of visualization
- Extensions of the format



On-Demand Memory

- Goal: providing a specification for external functions
  - Pointers returned by external function can be safely dereferenced
  - We don’t loose the paths assuming that a pointer is always not null

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Thank you!

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