



Practical: Statical Analysis - Automated Bug Hunting and Beyond

Relational Domains

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- ▶ Rebecca -> Variable Management
- ▶ Nicolai -> Meet and Join
- ▶ Jennie -> Benchmarking
- ▶ Gabriel -> Overflow
- ▶ Alina -> Coefficient extension

- ▶ Alina: Read coefficient extension and did small implementations
- ▶ Rebecca: Implementation Variable Management and assign Texpr
- ▶ Gabriel: Overflow handling in thesis and affineEqualitiesDomain
- ▶ Nicolai: Join and Meet finished
- ▶ Jennie: Further test cases and read into benchmarking

- ▶ Finish the analysis pipeline to be able to start testing first implementations of analysis and test cases
- ▶ Continue completing the analysis
- ▶ Integration of overflow handling
- ▶ Read more about benchmarking

- ▶ Coefficient extension additional variables. Constants start to be variables???
- ▶ Local variables, e.g. if-else-blocks joined with different local variables in each.
- ▶ Additional functions such as `meets_tcon_one_var_equ()`
- ▶ Equalities structure ok?