



Practical: Statical Analysis - Automated Bug Hunting and Beyond

Relational Domains

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- ▶ Datatype for Abstract Domain
-> `(int * Mpqf.t) Array.t option`
- ▶ Make a first test case
- ▶ First draft for meet and join

- ▶ Translate our ideas to code
- ▶ Adapt the remaining functions to our use case
- ▶ Improve our test suite

- ▶ Is the offset an integer or should we use `Mpqf`?
- ▶ Is there documentation for the functions defined in `affineEqualityDomain`?
- ▶ Arrays do not have a hash -> should we implement our own hash function? Is it possible