Mid-term paper for Programming Theory

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1 Objective

Pick one programming language, and explain about that. At here, I'll explain about Pony language [1] through description of features and performance, sample codes, and type proof theory.

2 Features and Performance

2.1 Simple description from official page [1]

Pony is an open-source, object-oriented, actor-model, capabilities-secure, high-performance programming language.

Pony is type safe. Really type safe. On top page[2], theres a link for mathematical proof paper. Ill explain about that in

3 Example Codes

4 Type proof theory

References

[1] Pony
    https://www.ponylang.io

[2] Deny Capabilities for Safe, Fast Actors
    https://www.ponylang.io/media/papers/fast-cheap-with-proof.pdf