FLscript--An Experimentation of Logic and Functional Programming Language for the Web: Design and Implementation

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Logic programming languages have been long experimented and understood. Its components and its interactions with functional programming languages have also been a frequent topic. Its ability to incorporate into real-world functional programmed software, especially web programming, however, have remained almost unexplored. The author starts with using the language Clojure's functional and logical constructs, "core.logic", to demonstrate the benefits of logic and functional programming in web front-end development. Then the author explores further the concept by trying to eliminate some limitations of "core.logic" by introducing the implementation and design of "FLscript", a new logic and functional programming language designed for web development.

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