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1 Building Abstractions with Procedures

Definition (computational process)

Abstract beings that inhabit computers.

Definition (data)

Computational processes manipulate other abstract things called ***data*** as they evolve.

Definition (program)

A pattern of rules by which the evolution of a computational process is directed.

Definition (programming language)

That in which programs are carefully composed from symbolic expressions that prescribe the tasks we want our computational processes to perform.

Definition (bug, glitch)

Small errors.

Definition (debug)

Remove bugs.

Programming in Lisp

Appendix

A Notes on LISP

A.1 *Recursive Functions of Symbolic Expressions and Their Computation by Machine*, McCarthy 1960

LISP: "LISt Processor", developed for the IBM 704 computer by the Artificial Intelligence group at M.I.T.

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