

Strong Typing - Help or Hinder?

- Strong Typing can be a form of Waterfall design
- Type design as brainstorming is good
- Forced typing by decree is waterfall (Bible thumping)
 - finalizing a type system before the design is finished assumes too much up-front knowledge —> waterfall
- recursive *iterative* design means that any aspect of the design — e.g. type system — might be re-designed several times

Strong Typing (con't)

- Static Typing is: an interpreter that can be run earlier than the rest of the app
- At least 3 timeframes for typing - Static, Dynamic, Never
 - Dynamic typing can be Strong, but is done at runtime
- Typing was originally meant as a crutch (optimization) for compiler writers