CLOS, the Common Lisp Object System

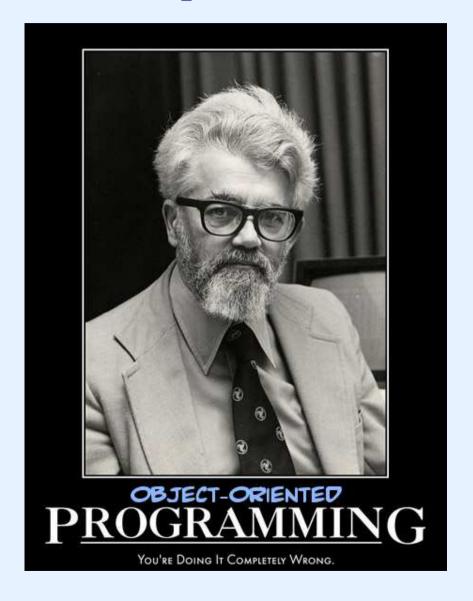**Christopher Mark Gore**

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Lisp is Cool!

OBJECT-ORIENTED PROGRAMMING
You're Doing It Completely Wrong.

Object-Oriented Programming is Cool!

But, OOP isn't THE Answer

OOP is a useful tool, but it isn't the final solution to all things programming. It won't solve world hunger, but it does solve a restricted subset of the problem. Other things that are sometimes useful tools, but aren't **the** answer:

1. FP,

2. Lack of side effects ($\alpha \to \beta \gg A \to \gamma$),

3. Unit tests, BDD,

4. Type systems,

5. Monads,

6. Your favorite thing in programming,

7. ~~Lisp.~~

Getting Started with Common Lisp

1. Install Linux.
   ```
   http://aptosid.com
   ```

2. Install SBCL and some libraries.
   ```
   apt-get install sbcl{,-doc,-source} \
   cl-{asdf,cffi}
   ```

3. Install Emacs and SLIME *(Not strictly required.)*
   ```
   apt-get install emacs{,-goodies-el} cl-swank \
   cl-swank slime common-lisp-controller
   ```

Questions?