## Swarm Coding

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- ► Phil Hagelberg (http://technomancy.us)
  - Soli Deo Gloria
  - ► Second-tallest man in Clojure
  - ► Hacker-Errant, Heroku



- ► Relevant qualification:
  - ► Founded Seajure, Seattle Clojure Group

- ▶ What are we trying to achieve?
  - ► Social
  - ► Learning (teaching?)

- ▶ The lecture model
  - ▶ What's going in this room here
  - ▶ But not sustainable
  - ▶ Not even a particularly good way of learning

- ► The lecture model works if...
  - ▶ Audience is sufficiently alert, caffeinated, etc
  - ▶ Presenter can keep your attention.
    - good jokes
    - cat pictures



- ► Socratic dialog
- ▶ Discussion among a small group
- ► Asking questions, not giving answers

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- ► Computers bring immediacy over distance
- ► Computers remove ambiguity

- ► Interactive programs
  - ▶ Able to act directly on that substance
  - ▶ Dispensing with intermediate modeling steps
    - ▶ (Modeling still happens in your head)

- ► SSH as a shared user
- ▶ tmux attach
- ▶ lein new hack-project
- ► Emacs/Vim

- ▶ Short, accessible
- ► Contrived vs practical (harder, more interesting)
- ▶ Start by doing a fresh project each time

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  - ► Push to Github/Clojars/Heroku

- ► Groups of up to ten
- ► Project ideas
  - ► Chat log analysis
  - ▶ Dependency games (Clojuresphere data)
  - ► Group web site (members, projects listed)
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- ► To host: wget git.io/swarmup.sh