Today's Paper

- GC required for *truly modular* programming/programs
- Liveness -- an object that is live (global property)
- When does GC occur?
  - Incremental garbage collection
  - Stop the world
- What are the two abstract phases of GC?
- Memory leak/dangling pointer -- how does GC avoid them?
- Tracing versus reference counting
  - Root set for tracing
    - Mark-sweep versus copying
  - Limitations of reference counting
Today's Paper: Extra Credit

- Conservative garbage collection
- Copying versus generational
  - Pig in the snake problem