<clojurebot>
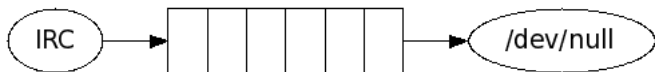
- Uses PircBot to take care of the IRC protocol
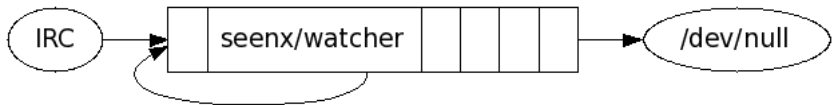- Main idea is a priority queue used as an input processing pipeline

- Pipeline is an abstract idea, reality
  hiredman.clojurebot.core/responder multimethod
- multimethod dispatches walking through priority queue
  (hiredman.pqueue)
- each entry in the pqueue is two parts: a function and a
  keyword.
- if none of the functions in the pqueu return true for a message
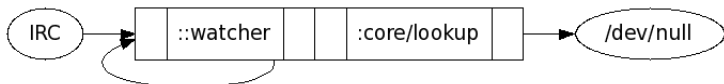 it is dropped into /dev/null

\<clojurebot\>

Example: :hiredman.clojurebot.seenx/watcher

- ▶ keeps track of the last thing someone has said in a channel (also joins/quites/parts)
- ▶ priority of -31 puts it at the front of the queue to make sure it sees all
- ▶ assocs ::ignore true in the message metadata sends the msg back through the pipeline

<clojurebot>

Example: :hiredman.clojurebot.core/lookup

- ▶ typically the last thing in the pipeline
- ▶ examines message to determine whether the bot has been addressed drirectly.
- ▶ if so it responds by looking things up in a hashmap