

# I LIKE BIG GRAPHS AND I CANNOT LIE

---

You other hackers can't deny

*Dan Kaminsky*  
*DoxPara Research*

# Complexity Is Fun

---

- Until it isn't
  - We have limited bandwidth to understand complex scenarios
- Visual System A Potential Route To Absorbing More Complexity
  - A third of our brain is dedicated to pretty pretty pictures

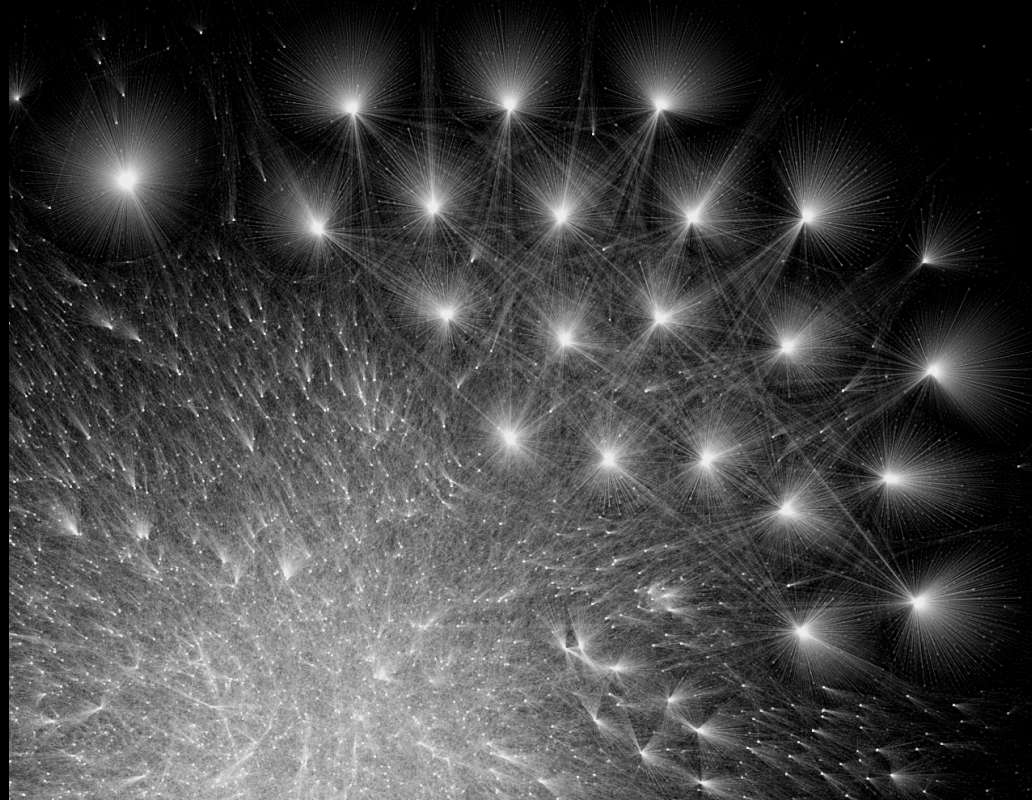
# Images Are Useful: Welcome To Planet Sony

---



# Images Express Complexity: Welcome To Planet DNS

---



# Images Can MOVE.

---

- DEMOS

# TODO

---

- 0) **DIRECTED GRAPHS SHOULD APPEAR DIRECTED** ☺
- 1) Multi-Sets – I should be able to compare different sets against each other
  - Port 80 vs. Not Port 80
- 2) More Visual Differentiators
  - Color, Shape, Motion, Vibration
- 3) Active Highlighting
  - Highlight an area with your mouse to get details – not just “there is structure” but “what is this structure”
  - Hello splunk
- 4) A slightly more complex grammar for input
  - Print timestamps on graph
  - Add labels to graph
- 5) Dynamic configuration of system
  - Sliders for expiration, etc.
- 6) History receding into Z? A Cheswick Stack