

# NANOG 48

Hosted by Giganews and Data Foundry





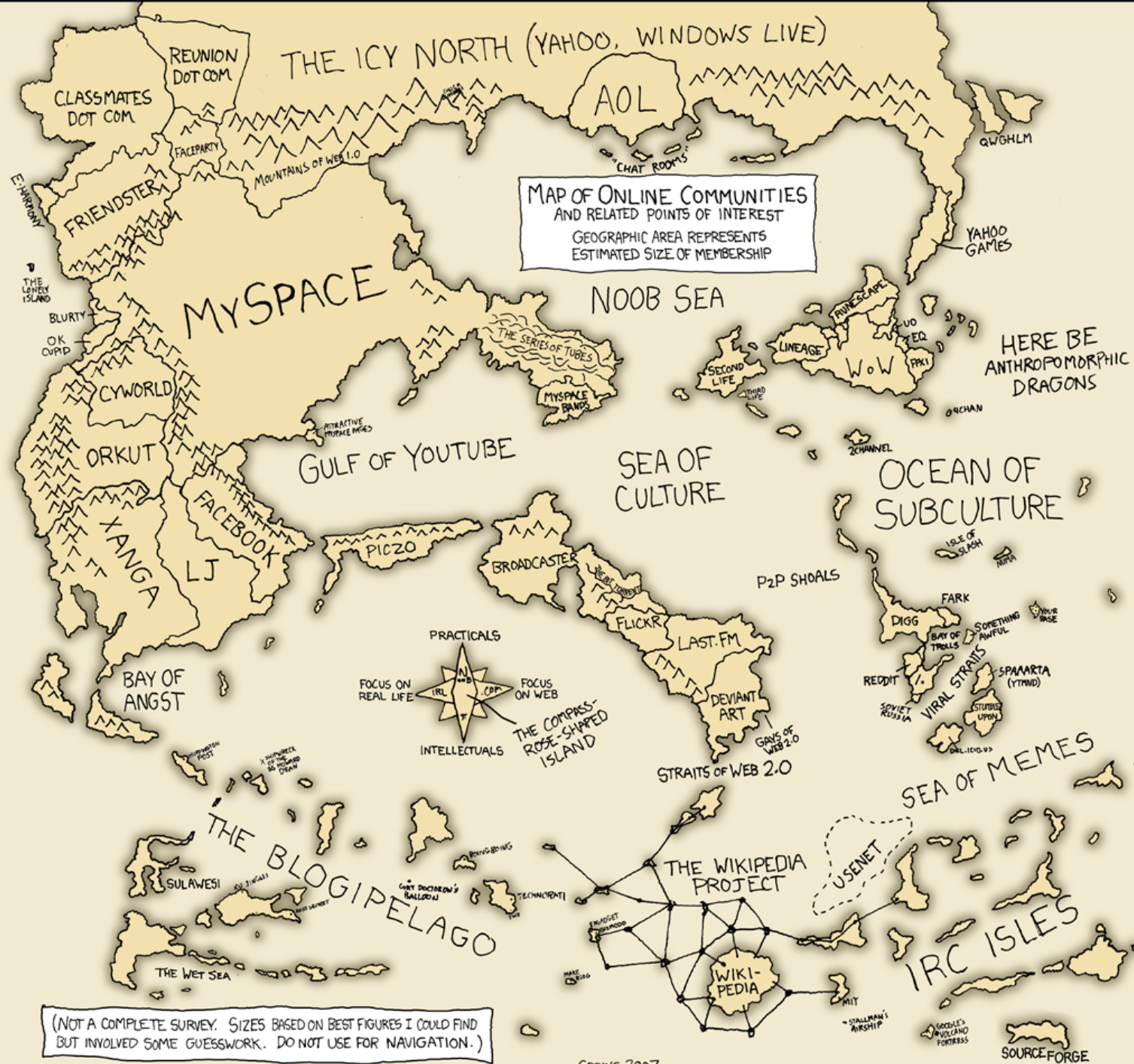












(NOT A COMPLETE SURVEY. SIZES BASED ON BEST FIGURES I COULD FIND BUT INVOLVED SOME GUESSWORK. DO NOT USE FOR NAVIGATION.)



Supporters say,

- Net Neutrality would preserve end-to-end
- Net Neutrality would prevent ISPs from choosing winners and losers

Opponents say,

- Net Neutrality would prevent essential network management
- Net Neutrality would stifle innovation and investment

# The Net Neutrality Debate

# The FCC's Net Neutrality Rulemaking

- Proposal would require “non-discriminatory” practices
- No discrimination against any application, content, or service,
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What about privacy?

# Net Neutrality and Privacy

- Non-discriminatory by identifying like applications, to treat them the same.
  - Requires deep packet inspection.
- “Network management” by identifying “bad” transmissions
  - Requires deep packet inspection.





# Both Sides Miss The Point

- Privacy has been critical to Internet's economic and social success
- Privacy is required for online business
- Privacy is required for exercising personal liberties
- Privacy is destroyed by the deep packet inspection logically following Net Neutrality



# Leave you with some questions

- Does the proposed Net Neutrality solution require inspection of content, to enforce non-discrimination?
- Does network management involve inspection of content?
- If there is inspection, and particularly if it is disclosed, doesn't that eliminate any expectation of privacy?
- How can we achieve the goals of non-discrimination, reasonable network management, and ubiquitous access without also eliminating privacy?

# Credits

- All photos from Trey Ratcliff, Stuck In Customs

<http://www.stuckincustoms.com/>

- Internet map from XKCD

<http://xkcd.com/256/>

## Thank you!

