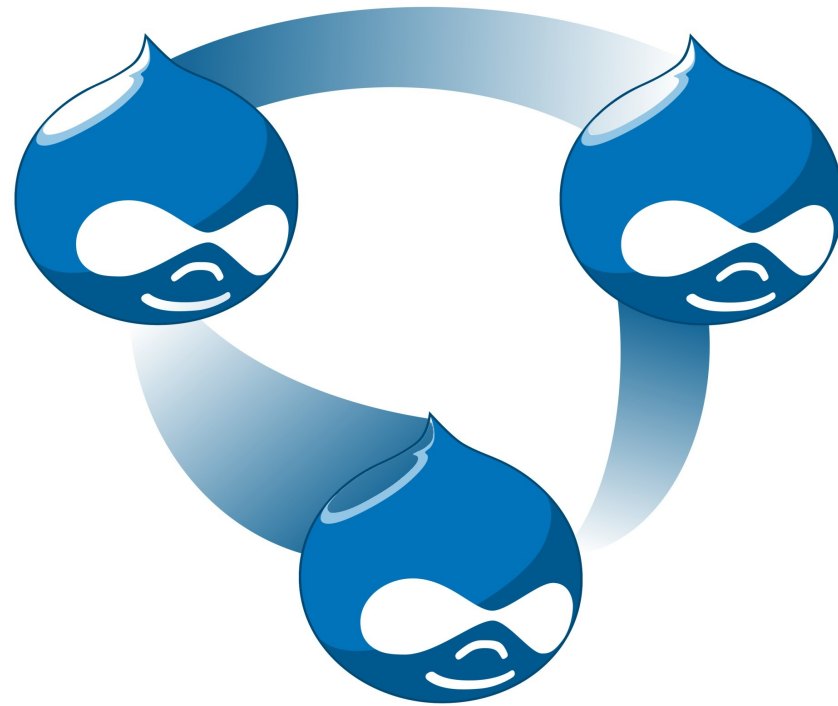




Social Network Analysis



Drupal



Mathematical background

- Graphs and social networks
- **Graph:** a graph is a set of objects called points or vertices connected by links called lines or edges
- points = users
- edges = interactivity between users



Interactivity between users

Nodes and replies

- Buddy module
- Viewing user's personal page

The SNA module can easily be extended to use whatever interactivity to generate the network



Operations in the network

- Searching shortest route
- Searching minimal step route
- Compute clustering coefficient for users
- Determine average step separation for the website (collect the whole world into one Drupal website and check the famous six steps separation theory :))
- Etc.



The mentors of the project:

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- Thomas Narres

A Google Summer of Code sponsored module

Try it out now!

<http://demo.sna.drupaler.net/>