Me

- johnf on IRC, johnf@inodes.org

- Not really a multimedia person

- Systems and Network Engineer, Programmer

- High Availability and Scalability

- Packaging Annodex for Debian/Ubuntu

- Helping admin annodex servers

Why am I here?

- Nothing better to do before LCA :)

- Provide insight on some of the problems with annodex from systems point of view

- Lean on me for any Systems/Networks questions

- Broad range of general knowledge and experience so basically feel free to simply bounce ideas off me

Some Basics

- Disk IO is bad

- Network IO is bad

- High RAM Utilisation is bad

- High CPU Utilisation is bad

- Basically everything is bad :)

- So whats the best tradeoff?

Example

- Only way to scale is horizontally

- This makes CPU and RAM less of an issue

- Binary scanning a 2G video file on the server is bad, you need an index