

# Xserve Cluster

A story of triumph and tragedy

# Eric Ross

Computer Analyst II

The Alejandro Sánchez Alvarado Laboratory

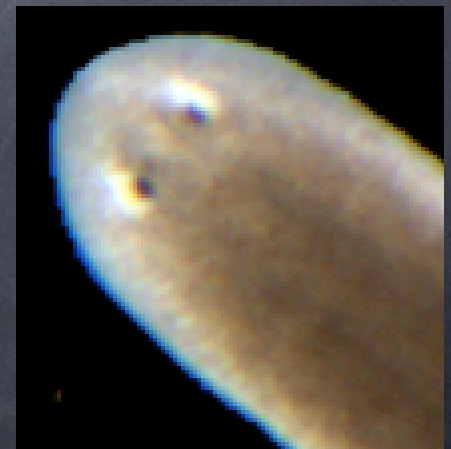
Howard Hughes Medical Institute

Department of Neurobiology and Anatomy

University of Utah

<http://planaria.neuro.utah.edu>

[ejr@neuro.utah.edu](mailto:ejr@neuro.utah.edu)





A raid of planaria



- Apple Cluster

- <http://www.apple.com/science/hardware/clustercomputing.html>

- Bioteam Software (Inquiry)

- <http://www.bioteam.net/>

# Our Cluster



8 Xserve Cluster

8 additional Xserves with XRAID

Insert Fancy Demo

# Management items of note

- VNC (RealVNC & Chicken of the VNC)
- hdiutil / installer
- Installation

# Tragedy

- Overheating
- Workgroup Manager
- Memory limits
- Slow drives
- Price
- Bioteam



# Triumph

- Server Manager
- Firewire mode
- Headless servers
- Ease of setup
- Bioteam