

# PNNL – Petascale Data Storage Institute

## Data release update

### FAST08

**Evan Felix**  
[evan.felix@pnl.gov](mailto:evan.felix@pnl.gov)

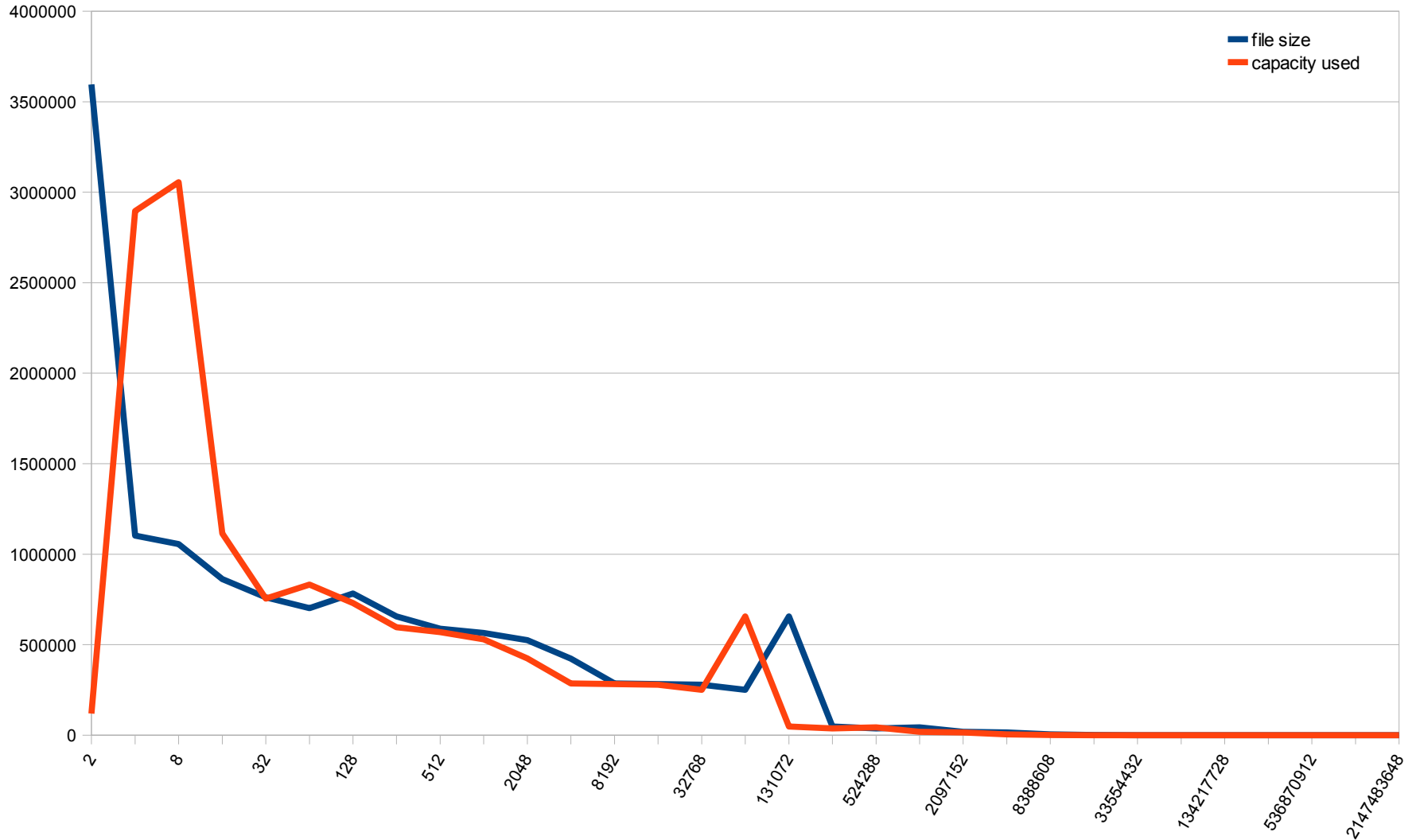
- ◆ Disk Failure Data
  - Mpp2 - 11.8 TF computer
    - 7242 total spinning disks SCSI
  - NWFS – Data archive
    - 1000+ Spinning Disks – SATA
- ◆ PDSI fsstats
  - Mpp2
    - /home – 5TB NFS
    - /dtemp – 54TB Lustre
  - NWFS
    - /nwfs – 284TB+ Lustre

# NWFS – Laboratory Data Archive

- ◆ 70 24 drive storage servers
  - 1680 Total Disks
- ◆ 10+ Clients and Metadata Systems
- ◆ Lustre
- ◆ 3<sup>rd</sup> Expansion In progress
  - 1 PB of disks
- ◆ PDSI Fsstats

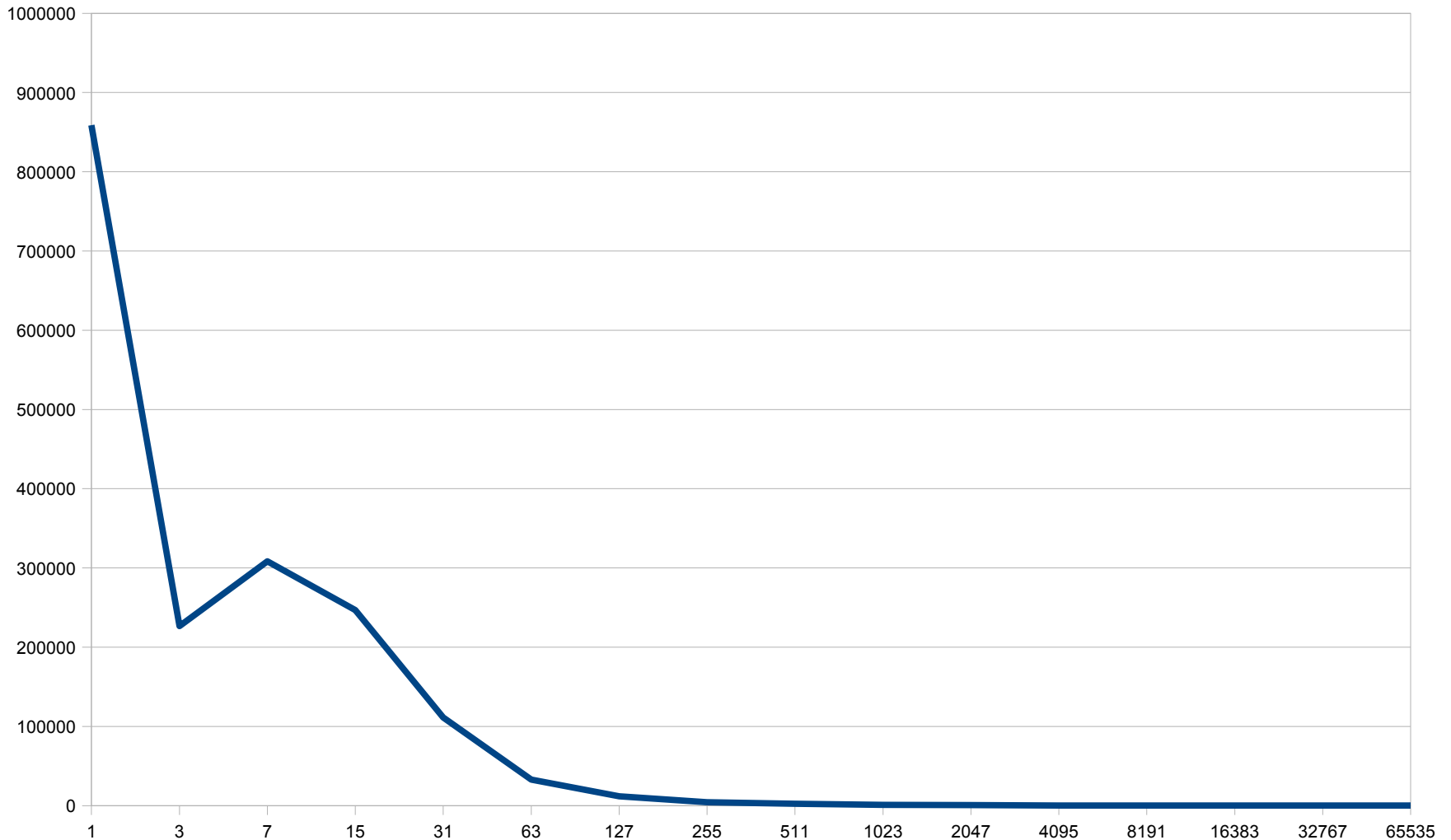


# NWFS Archive files

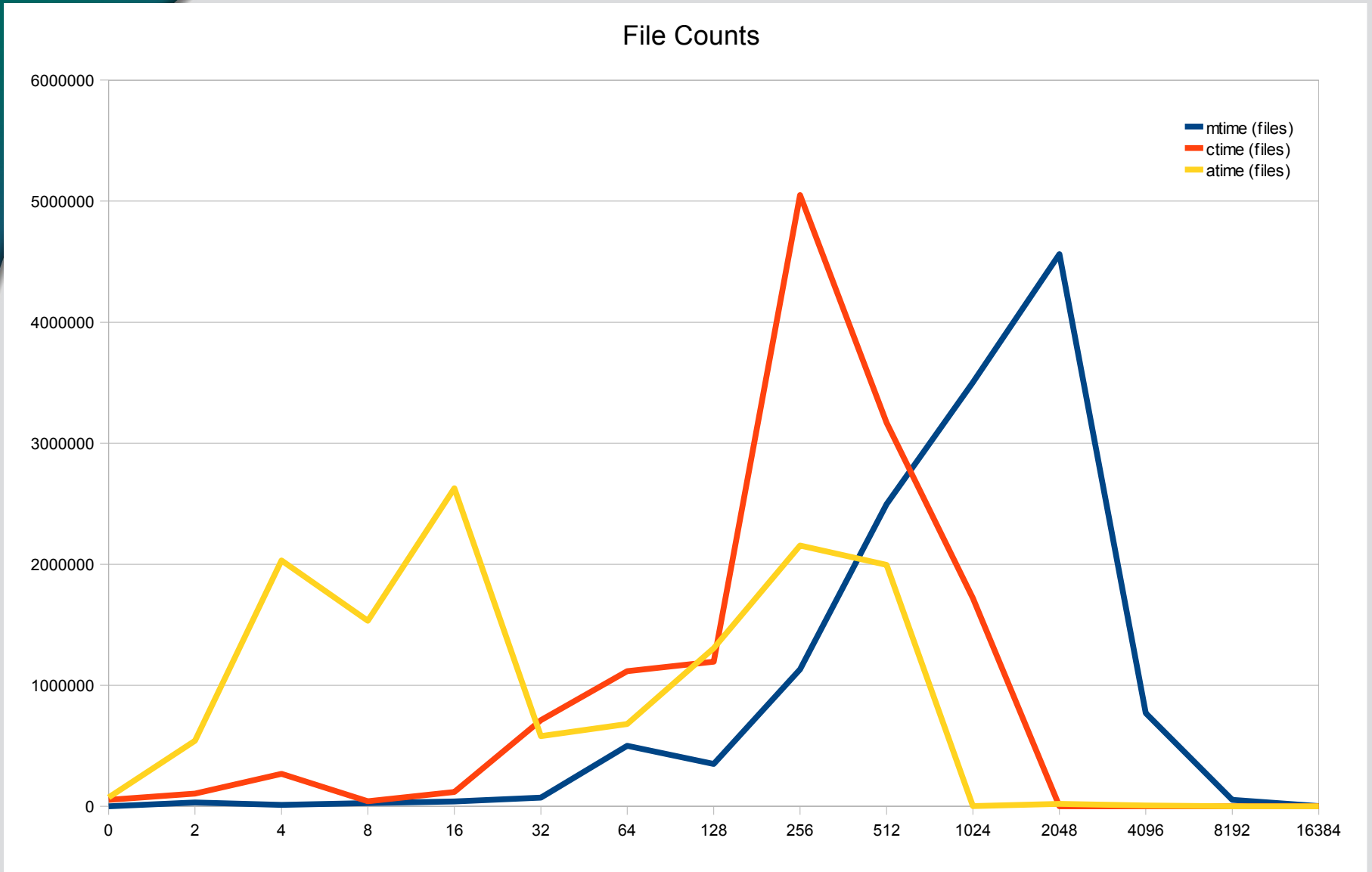


# NWFS Archive Directory entries

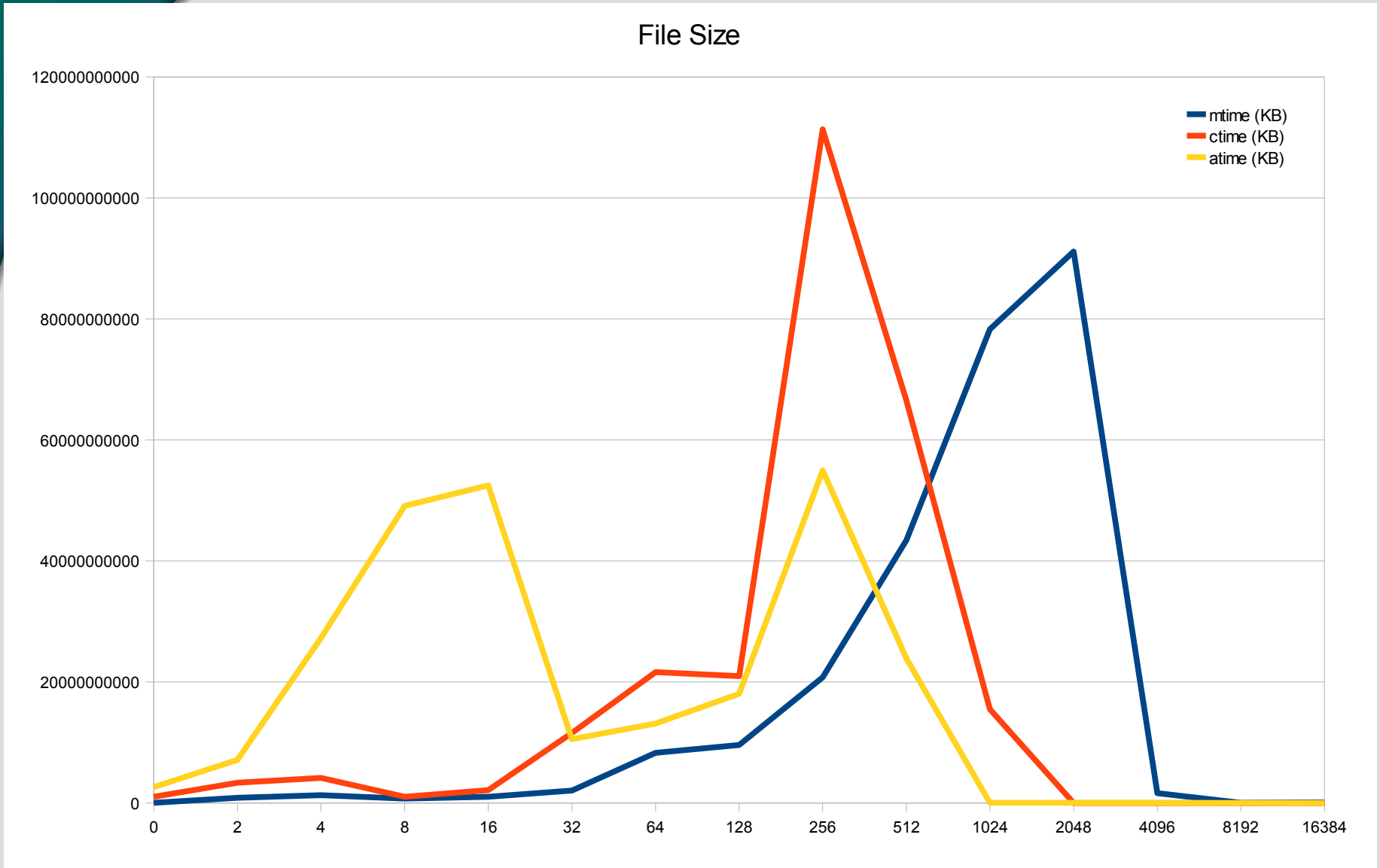
Directory Entries



# NWFS Archive File counts by time



# NWFS File size by time



# PDSI Debian Repository

<http://www.pdsi-scidac.org/repository/debian>

Debian packages for Lustre 1.6.4

Debian packages for PVFS2



# Questions?

<http://www.pdsi-scidac.org/>

[Evan.felix@pnl.gov](mailto:Evan.felix@pnl.gov)