

# Update of D0 Linux Cluster at LaTech

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D0RACE Workshop  
2/11/02

# At Tech

- Applied for & was awarded a grant for 1.7 GHz, 40 Gbyte DELL pc for D0 analysis
  - will make it the cornerstone of a local D0 analysis cluster
  - Also have a 10 Gbyte Gateway with Redhat 7.1.1 and earlier version of D0RunII.

# At Tech

- New unit: Dell Dimension 4300, Pentium 4 1.7 GHz processor, 40 Gbyte hard disk
- Installed (non-Fermi) Redhat Linux 7.2
- Installed ups/upd with script plus generic configuration file. (thanks Mark Sosebee!)
- Used Heidi's tutorial again for d0dist/dist and d0usr/products db configuration

# New Unit Installation

*continued*

- got KAI node\_locked license.
- performed upd installation of D0RunII p10.13.00 -q dist and D0RunII -f Linux+2.4 -q “Linux2.4-KCC\_4\_0” using John Ellison’s installation script.
- D0RunII products: root and kai c++ work fine.
- Reco (d0tools) of raw data also works.

# Recoanalyze Problem Resolved

- Problem stemmed from using older version of ups (ie., < 4.6)
- Once ups 4.6 was installed, all D0Run II p10.13.00 products could be set up

# Next....

- Sam Station installation.
- Install Redhat 7.2 on older unit.