

# CDF's needs for DB support

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(from the Run 2 group)

*Petar Maksimovic for CDF*

CDF needs expert-level support in these areas:

- DB API
- Frontier server
- Monitoring

# DB API

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- short-term: API changes [mostly Frontier]
  - in progress, about a week of work left
  - Dennis Box
- medium-term: one more bout of API upgrades to make ops easier
  - 2-4 weeks (to be negotiated), Oct-Nov '06 (TBD)
  - would greatly prefer Dennis's expertise
- long-term support for harder DB API problems
  - critical, but not intensive, ~ 0.1 FTE
  - Dennis would be an obvious choice

# Frontier server

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- JHU group will triage all Frontier problems; we have access to server's Java source
- however, we may need a real Java/tomcat expert from time to time
- need long-term support when we are stuck
  - no experience yet – can't predict how much FTE we need (but almost certainly  $< 0.1$  FTE ?)
  - no pressing need right now
  - Steve White did a great job on the 1<sup>st</sup> version of Frontier server, but needs to get up to speed too

# Monitoring

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- short-term upgrade project of the CDF's monitoring capabilities
  - to reduce the operational load for the long-term).
  - needs interaction with the DB API expert
  - 0.2 FTE in the first year
- long-term support of monitoring code and the MySQL DB
  - probably  $\ll$  0.1 FTE