TAMING THE GRID MANAGEMENT BEAST WITH GRIM

Abstract:
GRIM (Grid Resource Interface Manager) is a generalized data-aware management middleware that allows the user to work to control simulation-oriented studies from the perspective of end results (graphs) while hiding the complexity associated with task submission, data analysis, and data storage.

- Task-oriented focus
- Time consuming script management and development
- Volumes of data to organized and manage
- Rich functionality but poor integration of tools

- Result-oriented focus
- Huge time savings
  - Data-aware toolset
  - Consistent naming
  - React/adapt to data
- Seamless data organization
- Advanced functionality
  - Parameter exploration
  - Deadline scheduling
  - Statistical end conditions

GRIM Toolset

XML Foundation

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