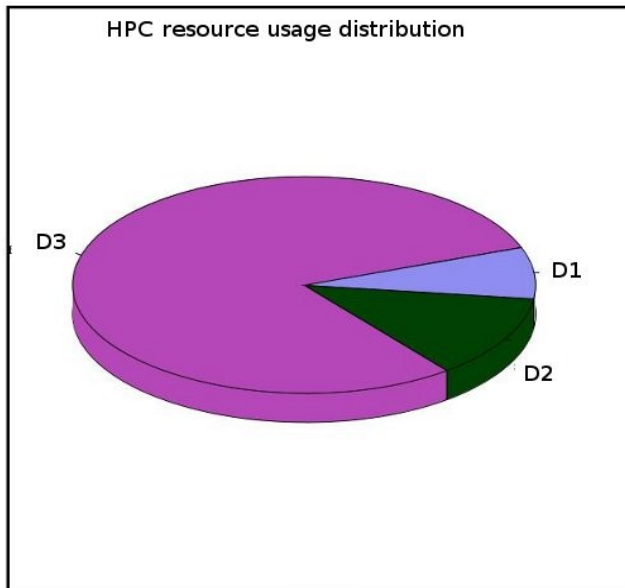


ComputeMD is an accounting, billing, project management and statistical reporting tool for all HPC activities on a computational resource.



Departmental usage information

Highlights

- Accounting and Billing System for cluster resource usage.
- Supports Multiple Department/Group structure in an Organization.
- Comprehensive statistics generation drilling down to license, resource, projects and multi group level.
- Trading system for inter group resource trading.
- Project Management to map jobs, users, resource consumption to defined projects.
- In built rule engine to handle prices, resource quota to different groups. (Use virtual money instead of real money!)
- Real time accounting and billing of running jobs.

ComputeMD has been developed as a management and statistical reporting tool for High Performance Computing resources.

Complementing your HPC resource with ComputeMD will give you complete control over your resources, projects, etc.

ComputeMD main features:

Accounting and Billing information

ComputeMD provides fine grained user and group level accounting and billing reports which make it easier to know who spent how much and on what.

Multiple departments and clusters supported

ComputeMD provides a central system for accounting and billing resources usage from multiple clusters and departments.

Department	gdpt_gompute
Project	Project 1
Details	
Name	Project 1
Description	CFD simulations
Manager	
Owner	gdpt_gompute
Associated	
Start Date	2010/01/01
End Date	2010/02/18
Running Jobs	0
Total Jobs	22
Total Cost	-45819.6
<input type="button" value="New"/> <input type="button" value="Edit"/>	

Project information



Comprehensive statistics

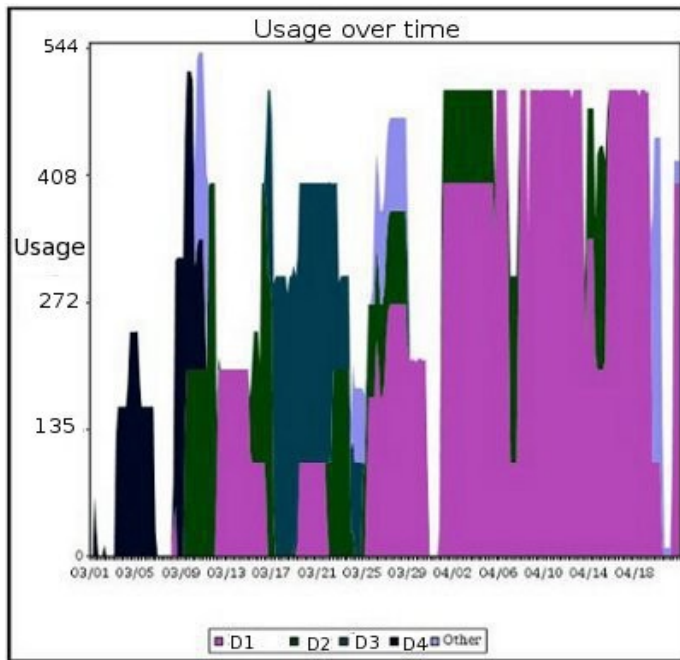
Track usage of your HPC resource by accessing information about cpu usage, license usage, job waiting time, etc.

Trading system for inter group resource trading

Trading on GcomputeMD greatly simplifies the way in which teams procure services from each other.

Project management environment for HPC resources

Map jobs run on the HPC resource to defined projects and get total cost of HPC resources for the projects. This information can be for example, used when defining budgets for similar projects in the future.



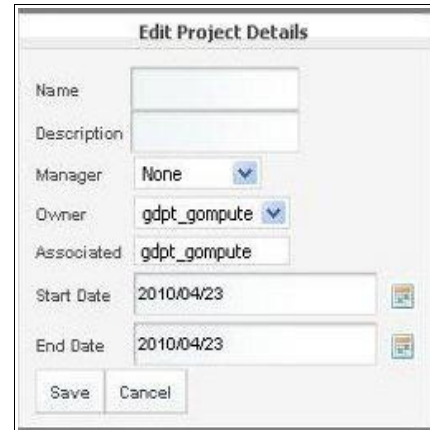
HPC usage over time

In built rule engine to handle prices and resource quota to different groups.

Set up different rules and prices for resources, projects, users or departments inside your HPC platform.

Real time accounting and billing of running jobs

Cluster usage in real time. Track running jobs, resources spent, etc.



Project creation portlet

What do you need in your HPC farm to use GcomputeMD?

Latest version of Gcompute Server Edition™ (Previously called GCDistro). Gcompute Server Includes license monitoring and automatic job suspension and resumption based on license requirements, cpu requirements.

Latest version of Gcompute Portal™ (Previously called GCPortal) Includes multi cluster access, communities, wikis, blogs and other collaboration tools if GcomputeMD is to be used as an addon to Gcompute Portal.

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