

The EGI Accounting Portal - New features on the Fourth Release

Iván Díaz ¹
idiaz@cesga.es

EGI Conference 2017: Catania, 9-12 May
¹CESGA — Galician Supercomputer Center



- A rewrite taking advantage of new web technologies.
- New Interface and Look, which makes use of client-side processing and interaction.
- New more human-friendly URL structure.
- New Interactive graphs.
- Three releases completed.

- The cloud schema was synchronized with APEL, exposing new fields.
- BenchmarkType and BenchmarkValue are present on the schema, but still not useable data.
- Number of Processors is now available as row or column variable.
- New Elapsed Time * number of processors metric, with automatic handling of zero values.
- VM Status added, status can be:
 - completed
 - error
 - paused
 - started
 - stopped
 - suspended
 - unknown

- Available when selecting country name as a row variable.
- It shows an interactive world map in which the countries are colored according to the metric.
- The color indicates in which percentage interval the country is with respect to the currently selected metric.
- The map is a Mercator world map that can be zoomed and panned, and each country can be identified by clicking it.

- New API for accessing data to download on CSV (Comma separated Values) or JSON (JavaScript Object Notation).
- All valid URLs in the portal can have an '/JSON/' or '/CSV/' appended to access the displayed data in that format.
- The links in each page were rewritten to use this new access point internally.
- The portal was changed to favor discrete file downloads (instead on in-place viewing), and files are named in a context-sensitive manner.

Other Metric and Variable Improvements

- Hourly-defined metrics can be seen now converted to day, month, quarter, half-year and year units.
- New composite metric on the restricted views that intends to replicate the all-in-one display in the old accounting portal restricted pages.
- Unnecessary spaces are removed from CSV files.
- Fixes percentage ordering on some views.
- Various fixes to official WLCG reports.

Lets proceed to the demo...

