Contribution ID : **5** Type : **Poster**

Lavoisier : A data aggregation framework

Content

Data integration is one of the core problems for the design and maintenance of applications.
Many use-cases require to develop applications that aggregate, process and format data from heterogeneous and distributed data sources.
Lavoisier (http://software.in2p3.fr/lavoisier) is a framework, which enables building such applications by assembling reusable software components (i.e. plugins) and declarative transformation rules (i.e. templates). These applications can then be used through a RESTful web service API, a web interface or a command line interface with little effort.
The Lavoisier framework is developed by CC-IN2P3 and used by several projects: the Operations Portal and VAPOR portal in EGI project, and several CC-IN2P3 internal tools.
The presentation will give an overview of Lavoisier, and explain how it can help to get a maintainable, performant, robust and secure data aggregation application, while focusing on business code.

Type of abstract

Presentation

Summary

Data integration is one of the core problems for the design and maintenance of applications. Regardless of the use-cases, we have to develop applications that aggregate, process and format data from heterogeneous and distributed data sources.
Lavoisier (http://software.in2p3.fr/lavoisier) is a framework, which enables building these applications by assembling reusable software components (i.e. plugins).
These applications can then be used through a RESTful web service API, a web interface or a command line interface with little effort.

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