

Service discovery & Glue schema 1.2

Some comments from Sergio:

The GLUE Schema v.1.2 will be shortly adopted by LCG. This is a common agreement between EU and US, therefore the nomenclature in use in the project should follow this spec as much as possible:

<http://infnforge.cnaf.infn.it/glueinfomodel/index.php/Spec/V12>

Service version / URL Endpoint / URL WSDL / URL semantics

- compliant with GLUE Schema v.1.2; no specification for undefined values

Service type

- service type is modeled and there is an agreement to open a wiki page where each project will put its service type and related description. There is no constraint on the syntax of this attribute

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Service name

- two use cases for this attribute:
 - unique identifier
 - handy solution to "google" services based on three main attributes.
- "service name" does not have a direct mapping on glue 1.2.:
 - The GLUE Schema defines the Service.UniqueID as the unique identifier for the service. It is specified that "UniqueID"s are "opaque", in the sense that no meaning has to be given to the value other than being a unique id. It is suggested that the UniqueID is DNS-friendly and contains a DNS entry, just to ensure global uniqueness.
- I would suggest to split the two functionalities
 - UniqueID
 - either in service data or in a specific attribute like Service.Tag/Label.

Where do we store the list of possible values?

- Wikipage: <http://infforge.cnaf.infn.it/glueinfomodel/>
- Do we want also an internal EGEE version?