



GlobalGridForum

Leading the pervasive adoption of grid
computing for research and industry

Grid Economic Services Architecture Working Group GESAWG

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Management Area Meeting
28th June 2005 (GGF14 in Chicago)

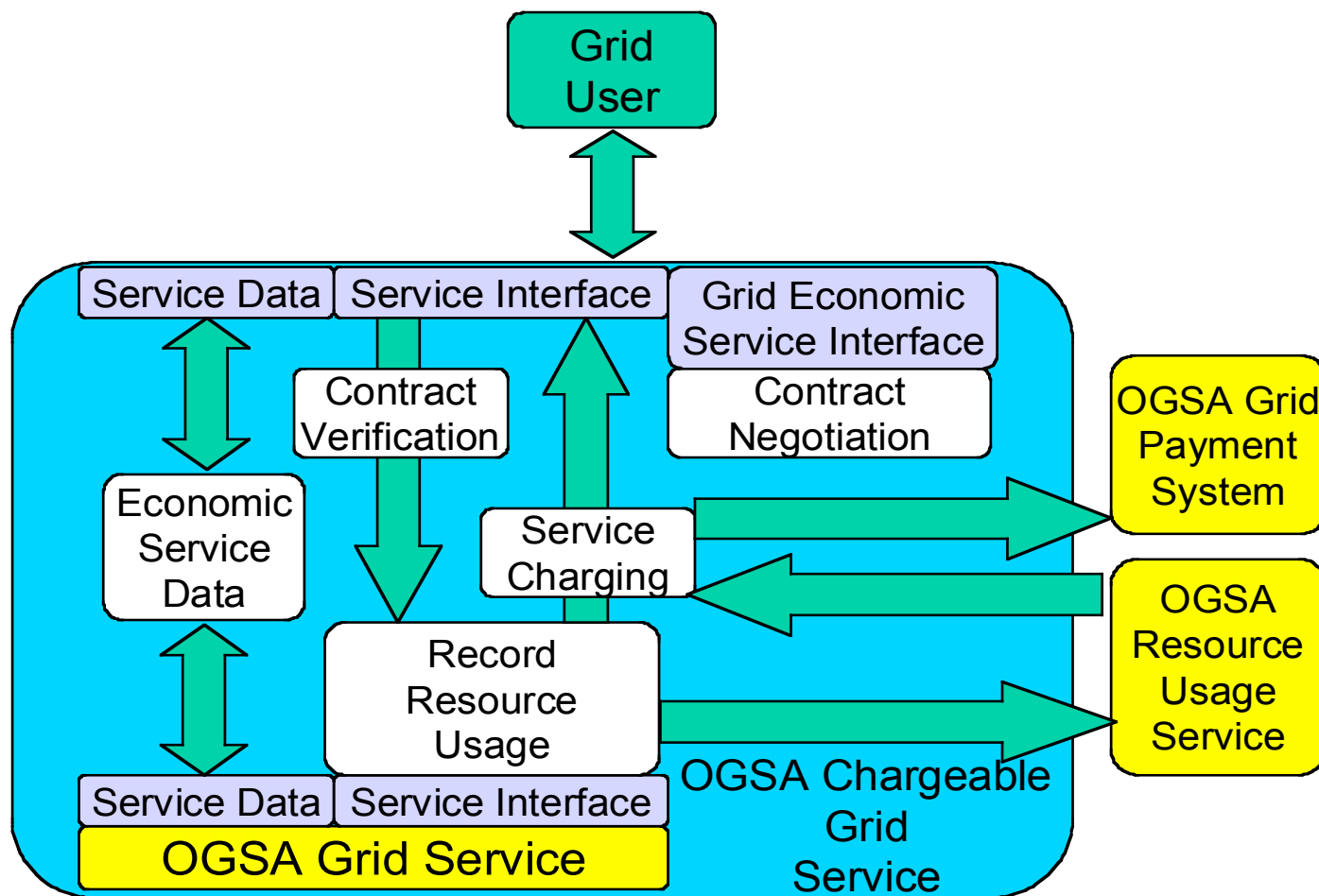
History

- **From the Charter:** “The purpose of this working group is to define the protocols and service interfaces needed to extensibility support a variety of economic models for the charging of Grid Services in the OGSA.”
- **Web:** <http://www.doc.ic.ac.uk/~sjn5/GGF/gesa-wg.html>
- Group had Birds of Feather session at GGF5 (Edinburgh)
- First meeting at GGF6 (Chicago)
- Last meeting was at GGF9 (Chicago)
- Group went into hibernation after GGF10 (Berlin)

Approach

- Grid Economies *not* economic models for scheduling
 - Want to allow trading of resources/services on the Grid
 - Use cases included reselling, etc.
 - Defined port-types and services to allow people to wrap existing services and therefore charge for them
 - Steered away from economic models towards the technical stuff
- GESA-WG defining:
 - **Chargeable Grid Service** – portType to “wrap” existing service
 - **Grid Payment System** – interface to payment systems, e.g. Visa, PayPal, SAP, etc...
- Other part of architecture:
 - **Resource Usage Service** – defined by the RUS-WG, to which GESA-WG was closely tied

Architecture



Documents

- Use-case document, “finished” by GGF7 (version 7). Never submitted to the editor. Still online:
 - <http://www.doc.ic.ac.uk/~sjn5/GGF/draft-ggf-gesa-use-cases-01-7.pdf>
- and also the GGF7 meeting drafts area...
- Specification document. Still based upon OGSi. Latest version (V3) prepared for GGF9. Online:
 - http://www-unix.gridforum.org/mail_archive/gesa-wg/Archive/msg00088.html

Hibernation?

- A set of “awakening criteria” for the group was negotiated with our ADs (Jenny Schopf and Bill Nitzberg):
 1. We intend that the group will hibernate until the WSRF specifications enter their OASIS public comment period.
 2. We do not preclude the option of someone coming along with a burning desire to do something "unforeseen" within GESA, but falling within the scope of our charter. In this case, the group will wake up “early”.
 3. In the case of this not happening before GGF14, the criteria for awakening the group will be re-evaluated.
 4. It is expected that upon waking, the GESA-WG will work on producing a revised version of the Grid Economic Services Architecture document.
- It's not clear that this is being monitored...

What next?

- Reason for shutting down the group was a lack of participation in the community.
- Sessions sometimes well attended. But no follow up, no writing, except by the chairs.
- Perhaps the approach was wrong. Perhaps bad timing...
- Status of the group is unclear (only group in this state)
- Neither of the current chairs interested in re-activating the group
- No other effort has started up in this space.