

July 6, 2011

Dear OSG Council:

We are developing a proposal to the NSF SI2 program, tentatively titled "**GT17 – Scaling Globus Toolkit to meet the needs of 2017 research.**"

As the title suggests, the goal is to scale key GT components, in particular those relating to data movement, job management, and security, to meet the needs of both power users and ordinary users over the next five years. We are particularly interested in addressing the management issues that arise as large sites operate many more resources and provide access to many more users.

Given the vital importance of the OSG community to Globus (and, we believe, vice versa), we would like to ask you for help in two ways:

- 1) A letter of commitment from OSG, on behalf of its user communities, to work with us over the next five years (assuming funding on all sides) to develop requirements for future Globus components, to deploy and test future Globus components on OSG, and to provide feedback. This is the relationship we have had over the past five years, and I believe it has been mutually beneficial.
- 2) Your immediate thoughts on requirements that will be important in the 2-5 year time frame. I note that we have got a substantial number of short-term (1-2 year) requirements from OSG and its user communities. But we're very interested also in more long-range requirements.

The proposal is due in two weeks, and so we would appreciate a quick turn around on this request if possible.

Thanks in advance for your consideration and time,

Ian Foster and Steve Tuecke