

## **VDT Support for WLCG**

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The WLCG collaboration depends upon several grid infrastructures, in particular on EGEE in Europe and the Open Science Grid in the US. Both of these infrastructure projects use middleware distributions that rely on components from the Virtual Data Toolkit (VDT). This note sets out the agreement for VDT support for WLCG.

1. It is understood that VDT is funded via the Open Science Grid and that requirements on VDT will be agreed through the OSG and that priorities will be set in conjunction with OSG. In Europe, the middleware stack used is that of EGEE ñ gLite, and the coordination of work with VDT will be done via the EGEE technical bodies; namely the Technical Coordination Group (TCG) for medium to long term issues, and the Engineering Management Team (EMT) for short term issues. Members of the VDT team attend the EMT meetings weekly. WLCG will pass requirements to VDT via these technical bodies.
2. WLCG will set requirements on the middleware including VDT, or requests for changes, through the Management Board (MB).. These requirements will be passed to the relevant technical bodies in EGEE and OSG. Those related to VDT will be forwarded as discussed in 1 above. Technical discussions will happen in various forums including the WLCG Grid Deployment Board and its sub-groups where both OSG and EGEE are present.
3. Priorities for support requests will be negotiated in the appropriate technical bodies above.
4. Support requirements include the following (subject to prioritisation as described above):
  - a. Requests for Bug fixes
  - b. Requests for porting and support of VDT on additional platforms
  - c. Change requests and new support for additional components (or removals).
  - d. Assistance in debugging problems associated with VDT
  - e. Security patches - with high priority
  - f. Security issues in VDT will be notified to WLCG and mitigations provided before public announcement.
5. In the case of WLCG requirements or needs that are not covered by the EGEE/OSG projects, WLCG though the Management Board will negotiate directly with the VDT team for support, additional functionality, or change requests.
6. The VDT team will act as the conduit for support of the Globus components. Problems in Globus will be reported to VDT who will assume responsibility for providing the support.
7. This agreement is valid for at least the next two years ñ until 2010 when the funding situation for VDT may change.
8. Issues unresolved by the usual coordination meetings can be escalated to Miron Livny for VDT or to Ian Bird for WLCG.
9. WLCG will exert pressure on EGEE to ensure gLite keeps up to date with VDT versions.

10. VDT will provide a quarterly report to WLCG that outlines release plans for the following quarter.