



GridLab General Architecture

THE STEERING COMMITTEE INTERPRETATION

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Abstract: This document presents the GridLab Architecture proposal by the SC, based on the discussion during the telephone conference on June 17th.



Steering Committee Architecture Proposal

Basing on discussions of the Steering Committee during the telephone conference on June 17th, the Berlin Interpretation of the General GridLab Architecture was reviewed with the Goal to resolve the dis-consensus of the vote about its graphical representation. The consensus in favour for the literal description was strengthened. The Proposal for the graphical description is presented in figure ???. The GridLab SC, deciding by majority, accepted this representation.

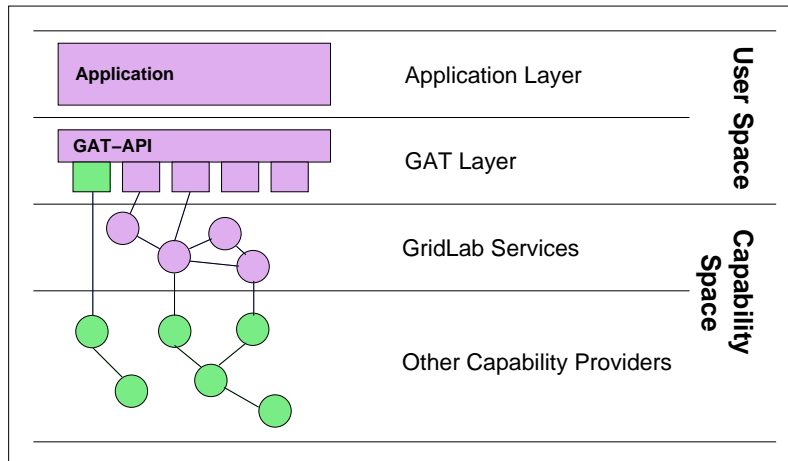


Figure 1: **The General GridLab Architecture:**
This figure shows the proposal of the GridLab Steering Committee.

At the same time, another representation was proposed by the Brno party (Ludek Matyska), which is shown in figure ??. This representation is also compliant to the literal architecture description of the Berlin interpretation, and found wide acceptance in the SC¹.

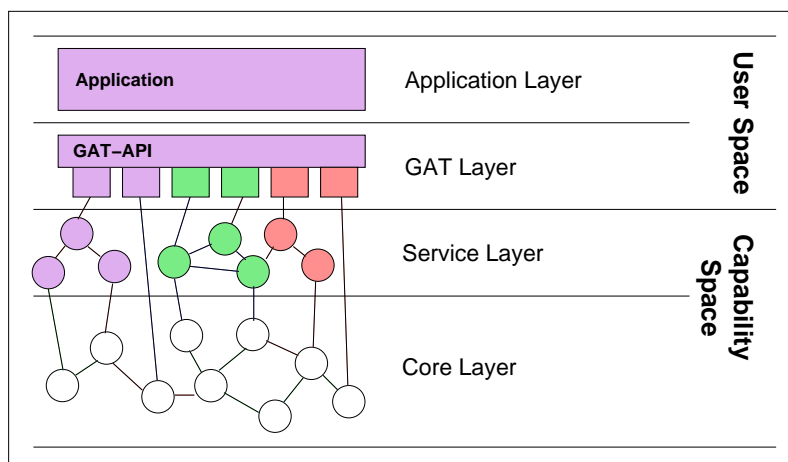


Figure 2: **The General GridLab Architecture :**
This figure shows the proposal of the Brno party (Ludek Matyska).

¹voting was performed.



Circles denote entities providing some capability - that includes GridLab Services, Grid Services, other Services and Libraries. Entities in purple are developed by the GridLab project. That includes

- GAT API definition
- GAT API implementation
- set of GridLab Services

At the same time, the general design of the GAT will allow to utilize other capability providers than GridLab services (other colors) – these include (but are not limited to):

- 3rd party services
- library capability providers
- system/core services