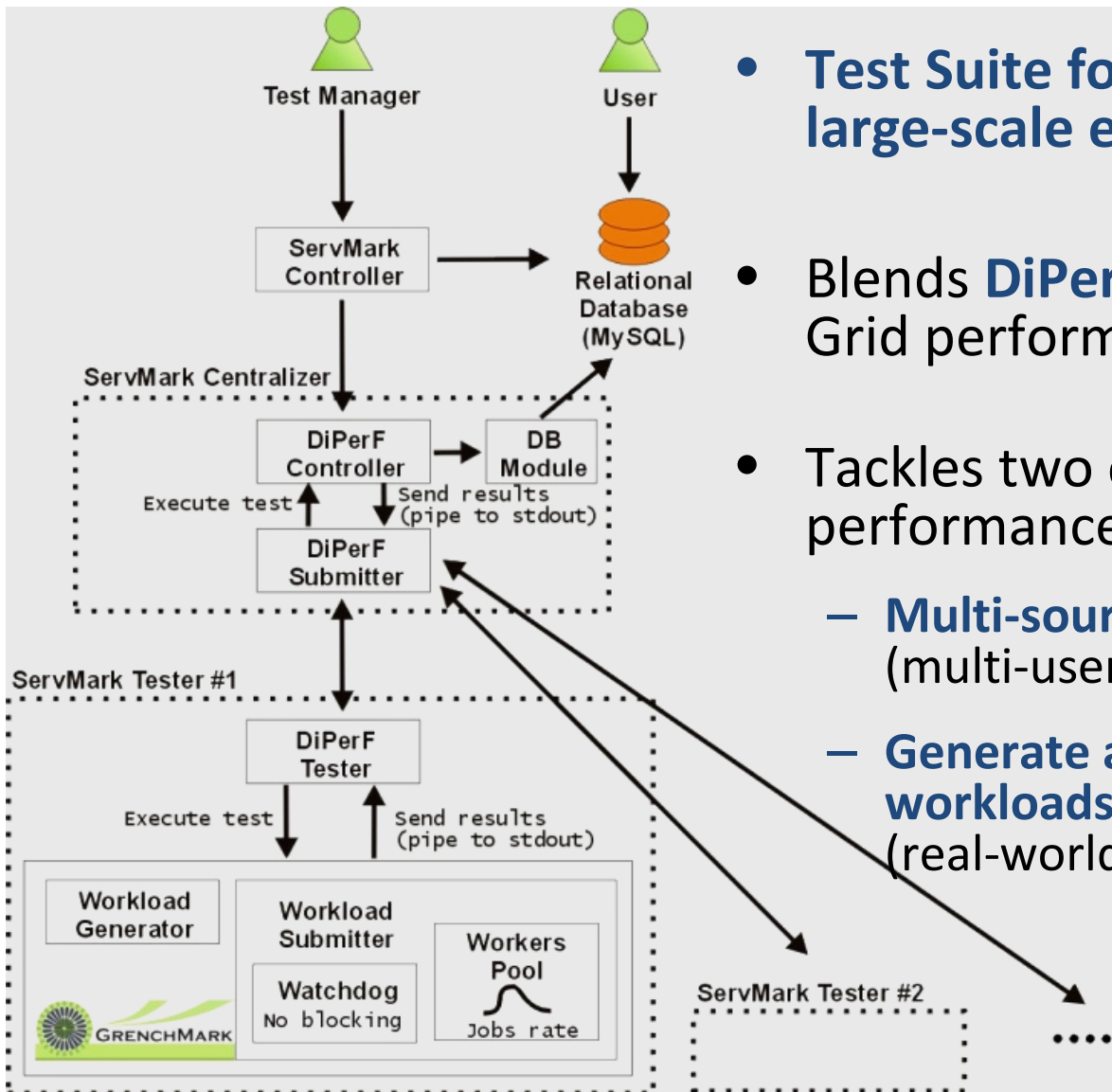


# ServMark: A Distributed Grid and Services Testing Framework

- **Incubator ProtoProject**
- **Allows**
  - Testing different parts of the Globus Toolkit™ v.3/v.4, e.g., MDS, GridFTP, pre-WS GRAM and WS GRAM;
  - Testing new (Globus) services developed by end-users, e.g., DI-GRUBER, Koala;
  - Functionality testing and system tuning, e.g., Koala, The Distributed ASCI Supercomputer (DAS).
- **Successfully deployed in**
  - Environments where the Globus Toolkit™ is deployed, e.g., Grid3, TeraGrid, DAS, CS@UChicago cluster;
  - Other large-scale environments, e.g., PlanetLab.

# ServMark Importance



- **Test Suite for Services** deployed in large-scale environments (Grids)
- Blends **DiPerF** and **GrenchMark**, two Grid performance evaluation tools.
- Tackles two orthogonal issues in Grid performance evaluation:
  - **Multi-sourced testing** (multi-user scenarios, scalability)
  - **Generate and run dynamic test workloads with complex structures** (real-world scenarios, flexibility)

