

Achieving Software Sustainability for a Science Gateway Framework

Collaborations & Integrations

- Jupyter
- Rstudio
- InCommon
- ...

Business models

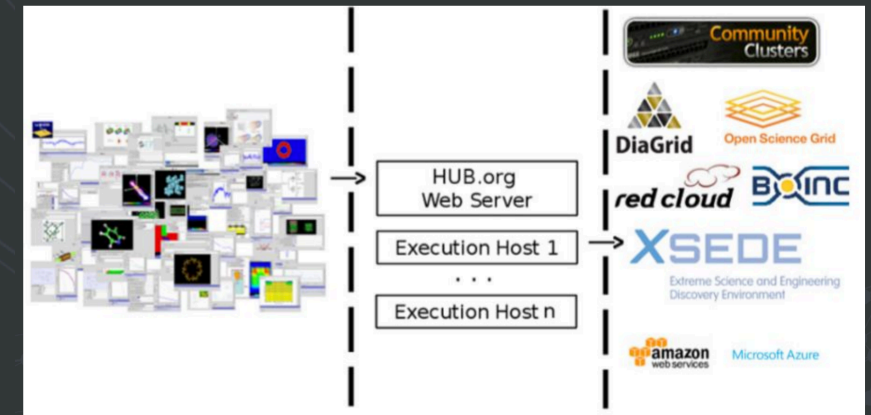
- Hosting services
- No-hassle hub
- Open-source platform

Diversity of Domains

- 60+ Hubs
- 1.5 million visitors worldwide



SUBMITTING JOBS TO HPC/HTC RESOURCES



Caching via BOINC

- Caching of computed results
- Parameter space exploration before users request them

~ 10% of jobs returns pre-computed results

Integration with XSEDE

- HPC access in an open platform

~ 10,000 users per year