hubzero

https://hubzero.org/

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

Sandra Gesing, Claire Stirm and Michael Zentner sandra.gesing@nd.edu

Online Resources Publishing Tools

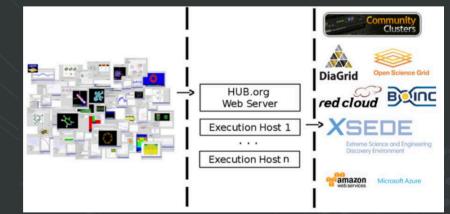
CMS

Interactive Collaboration

Collaborations Workshop 2021

31 March 2021

SUBMITTING JOBS TO HPC/HTC RESOURCES



Caching via BOINC

Integration with XSEDE

Caching of computed results

Parameter space
 exploration before users
 request them

- HPC access in an open platform
- ~ 10,000 users per year

~ 10% of jobs returns pre-computed results

