What is SciServer?

SciServer is a system for Science Researchers across multiple domains to host and share their datasets, and provide query and analysis tools for collaborative research.

History and Motivation

- Started with the SDSS SkyServer
- Goal: instant access to rich con-
- Idea: bring the analysis to the
- Interactive access at the core

How to Get Involved

- Use our toolkit (www.sciserver.
- Volunteer to be an Early Adopter by emailing sciserver-help@ jhu.edu
- Find bugs in our alpha system
- Suggest new features
- Let us help you share your data
- Introduce us to other teams

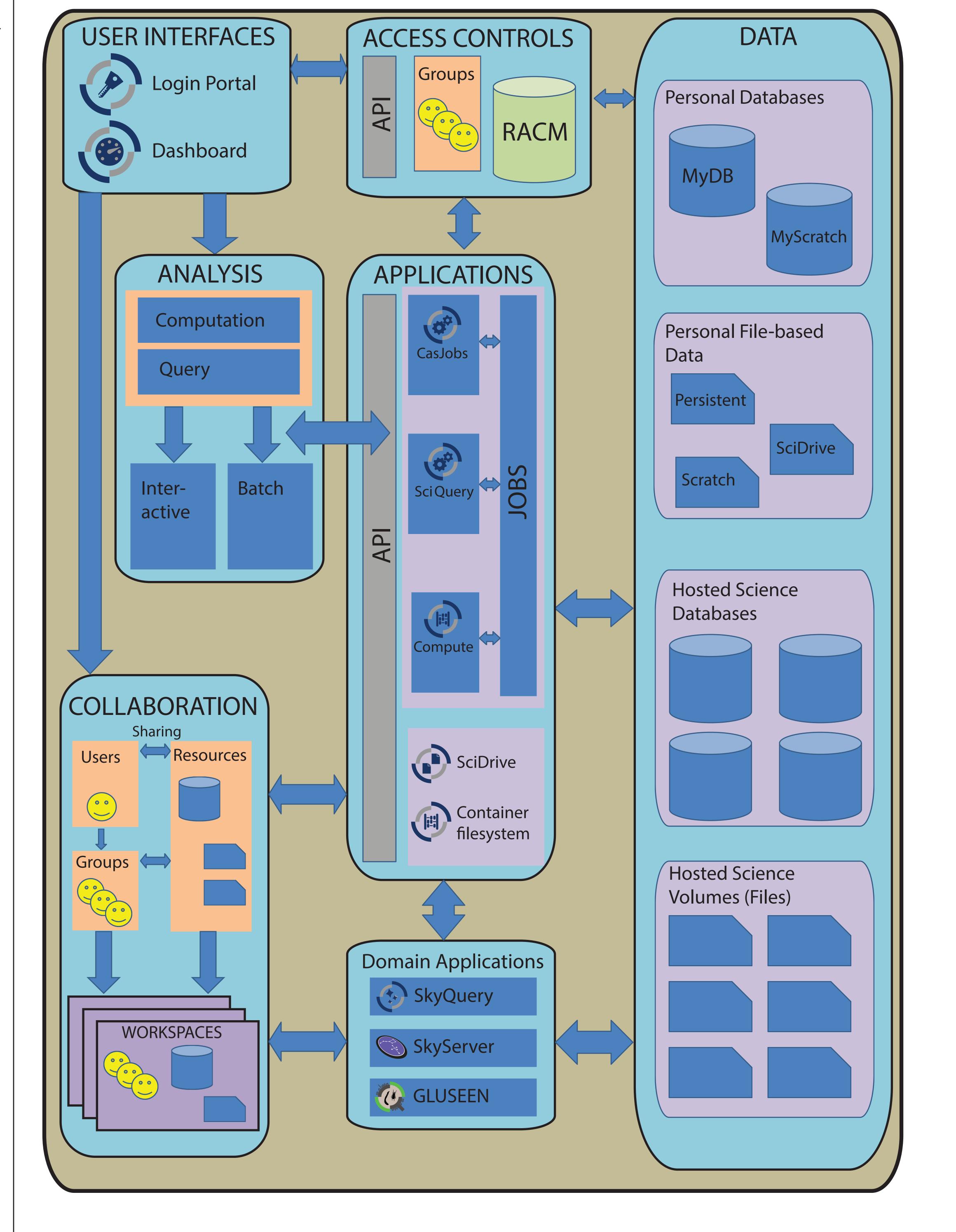
Team

- PI Alex Szalay
- PM Mike Rippin
- Team Leads Ani Thakar, Gerard Lemson, Jordan Raddick, Bonnie Souter
- Technical: Dmitry Medvedev, Manu Popp, Jai Won Kim, Sue Werner, Victor Paul, Jan Vandenberg, Lance Joseph, Alainna White, Laszlo Dobos, Camy Chhetri, Joseph Booker

System and Features

- Science Data Hosting (Files and Databases)
- Query Services
- Data Integration
- Compute Analysis
- Interactive and batch job Integrate with APIs submission

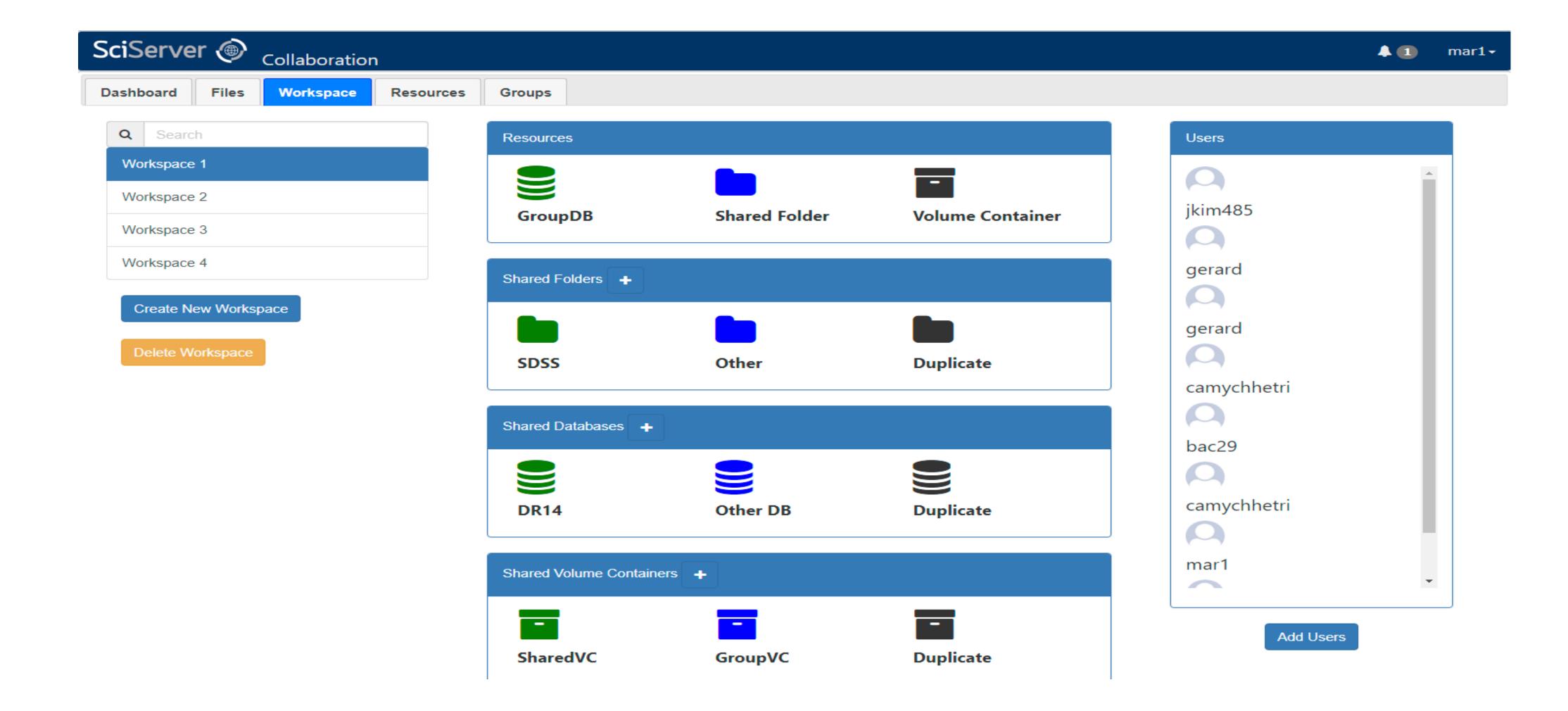
- Collaborate and Share
- Resource and access controls
- Personal Storage (Files and Database)
- Single Sign-On



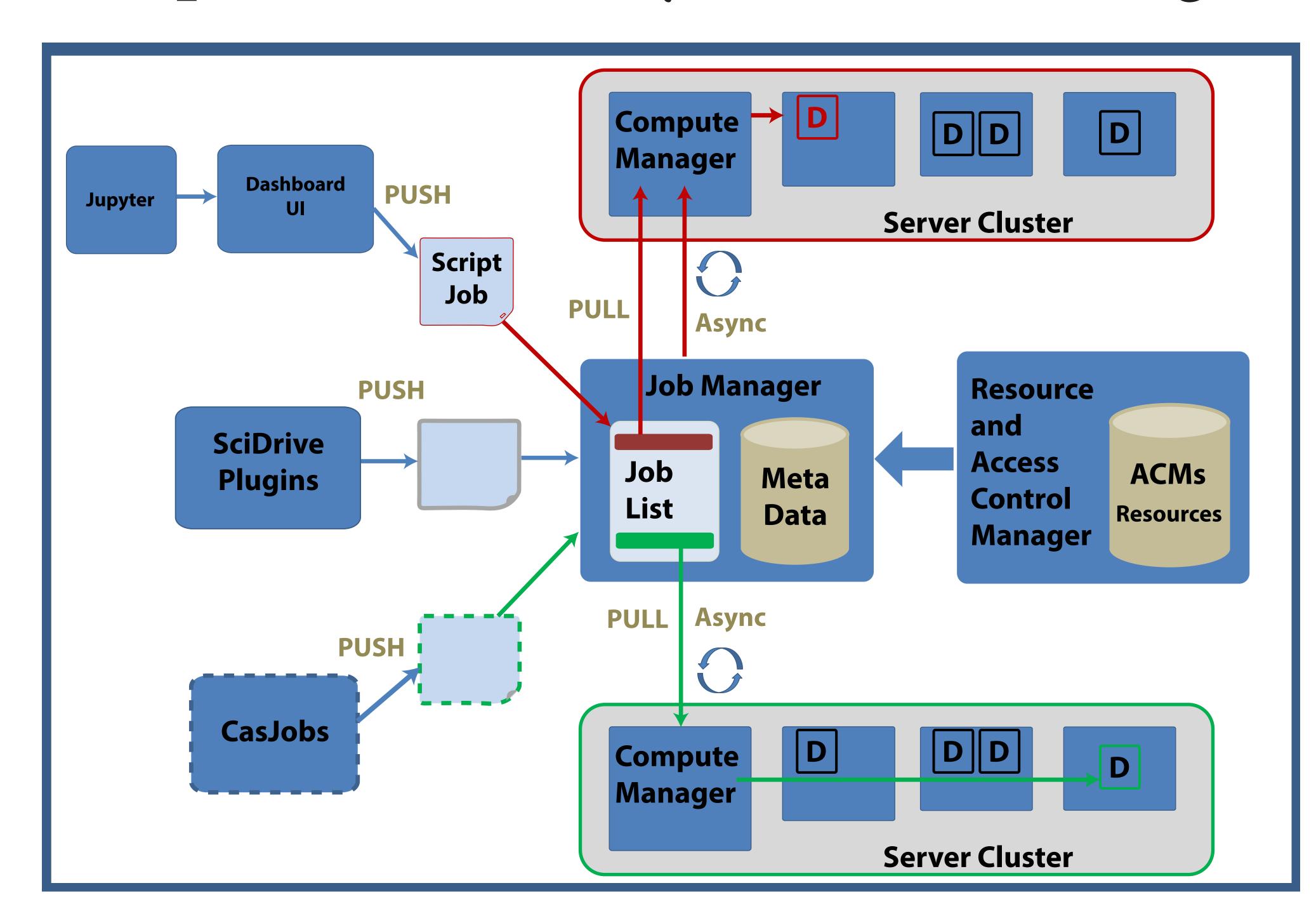
Technologies



Collaborative Workspaces

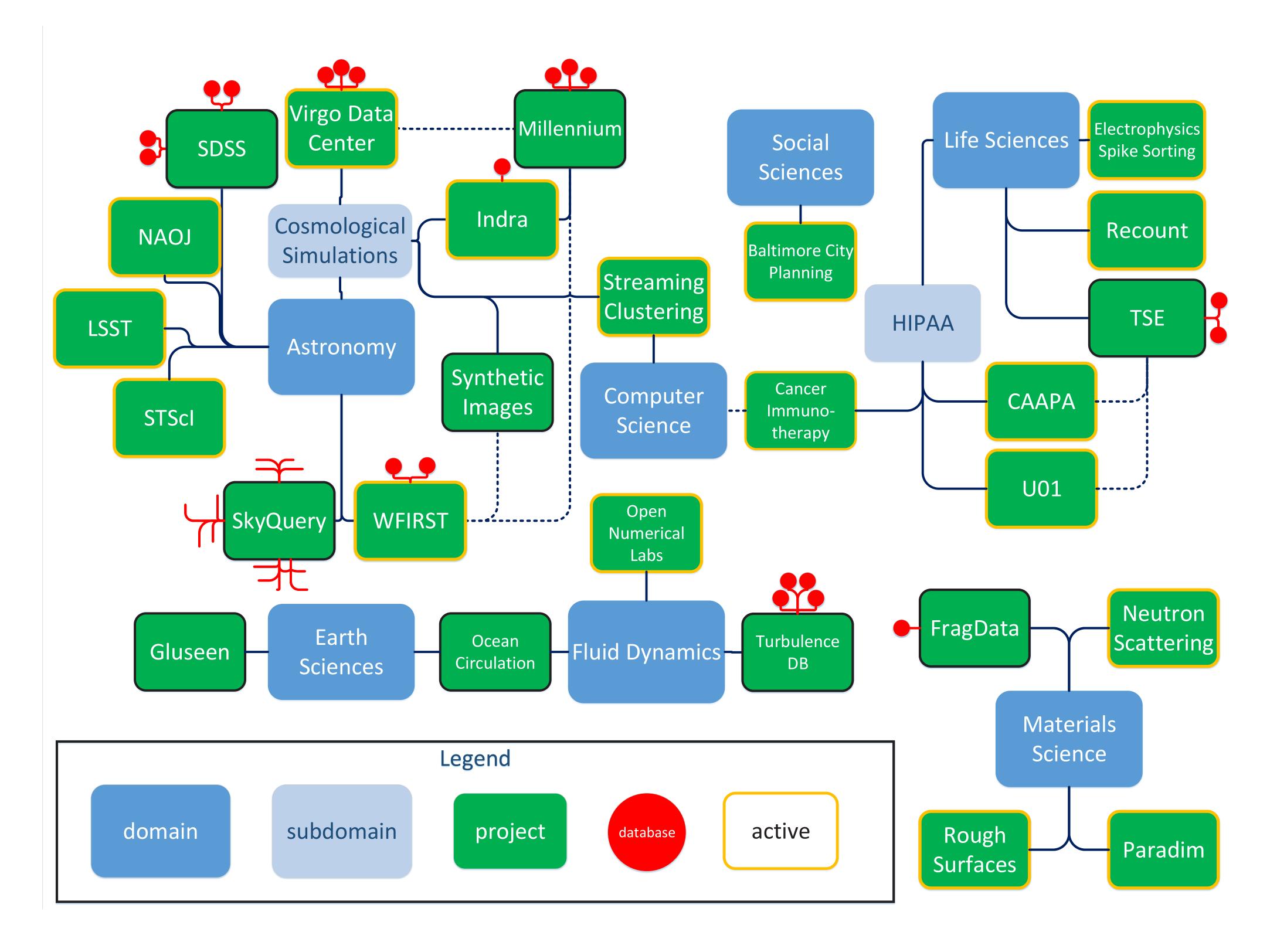


Compute and Query Job Scheduling



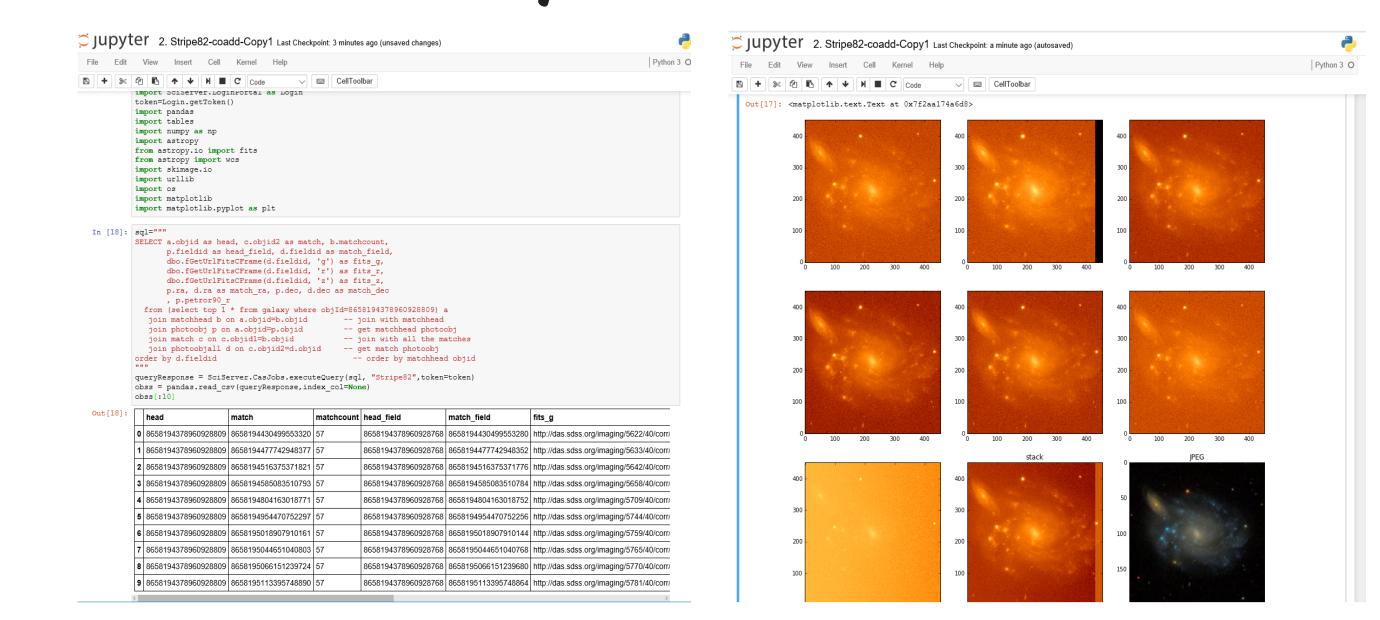
Science

Collaborations

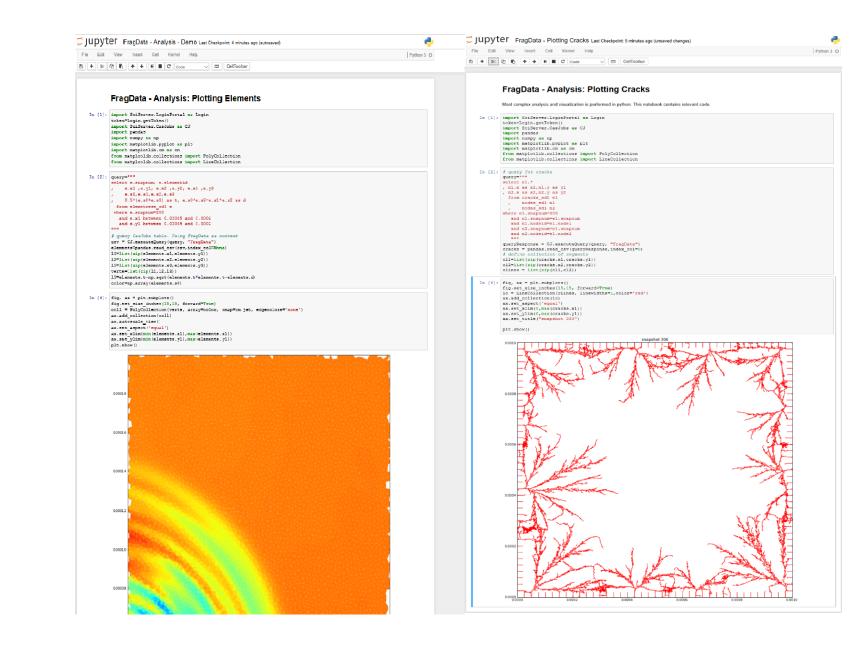


Applications

Astronomy



Materials Science



Turbulence

