

# idies

## What is SciServer?

A system for researchers across multiple domains to host and share datasets, featuring query

## System

- Science (files and
- SQL q
- Analy

# Take me out to Big Data: An

J

## m Features

ce data hosting

nd databases)

query access

sis with Jupyter

- Collaborate and share

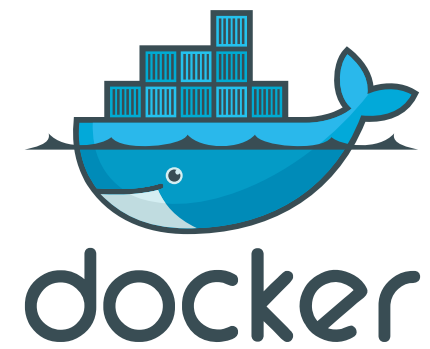
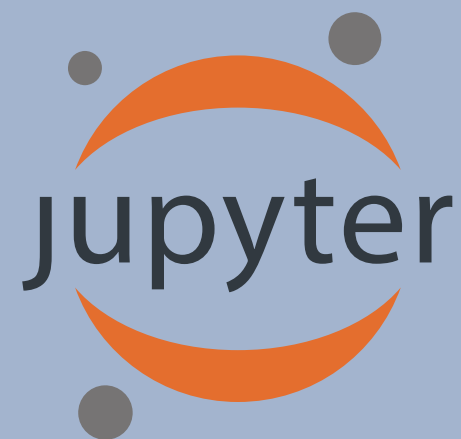
- Resource access controls

- Personal storage (files

# analyzing professional baseball

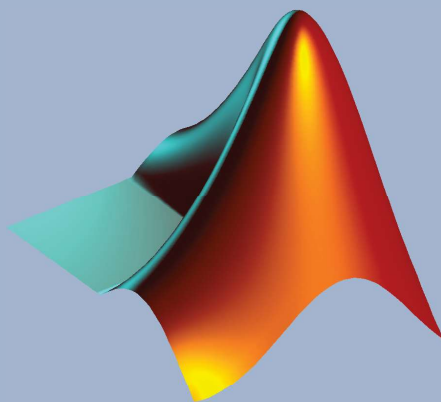
Jordan Raddick, IDIES / SciServer outreach team

## Technologies

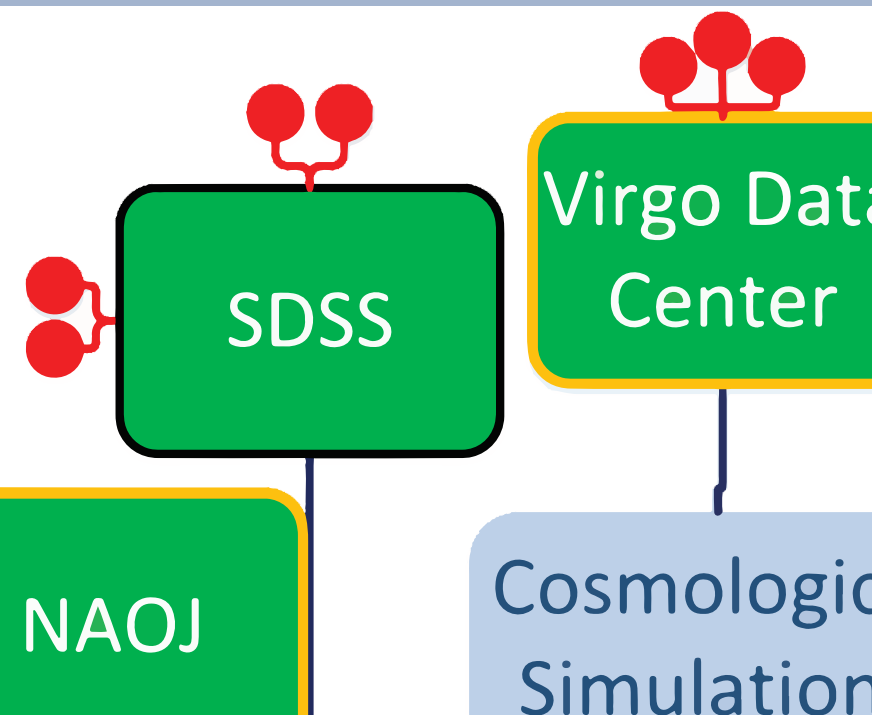


# Put all data online with SciServer

python™



## Science Collaboration



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JOHNS HOPKINS  
UNIVERSITY

# Collaborations



and analysis tools for  
collaborative research.

notebo  
• Interac  
job sub

## History and Purpose

- Started with SDSS SkyServer
- Goal: quick interactive access to rich content
- Idea: bring the analysis to the data

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ctive and batch

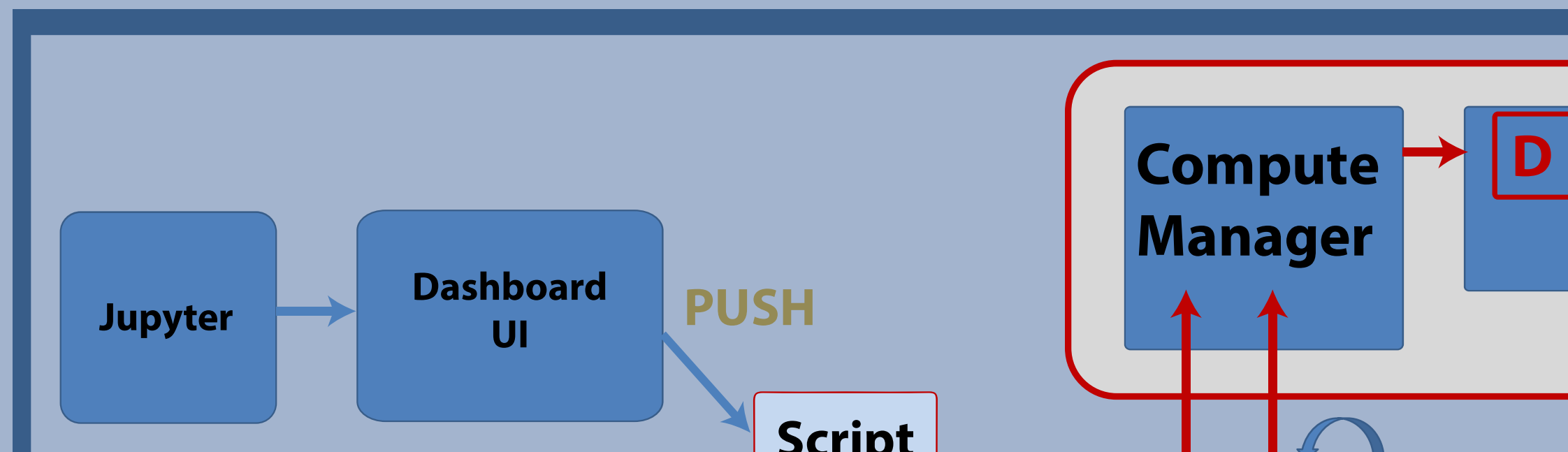
omission

and database)

- API mode access
- Single sign-on



# Compute and Query Job



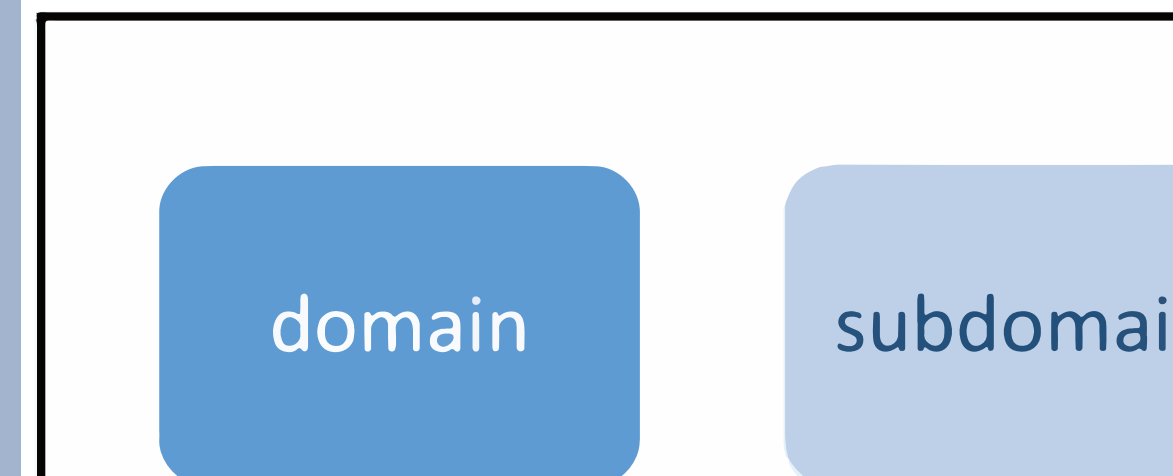
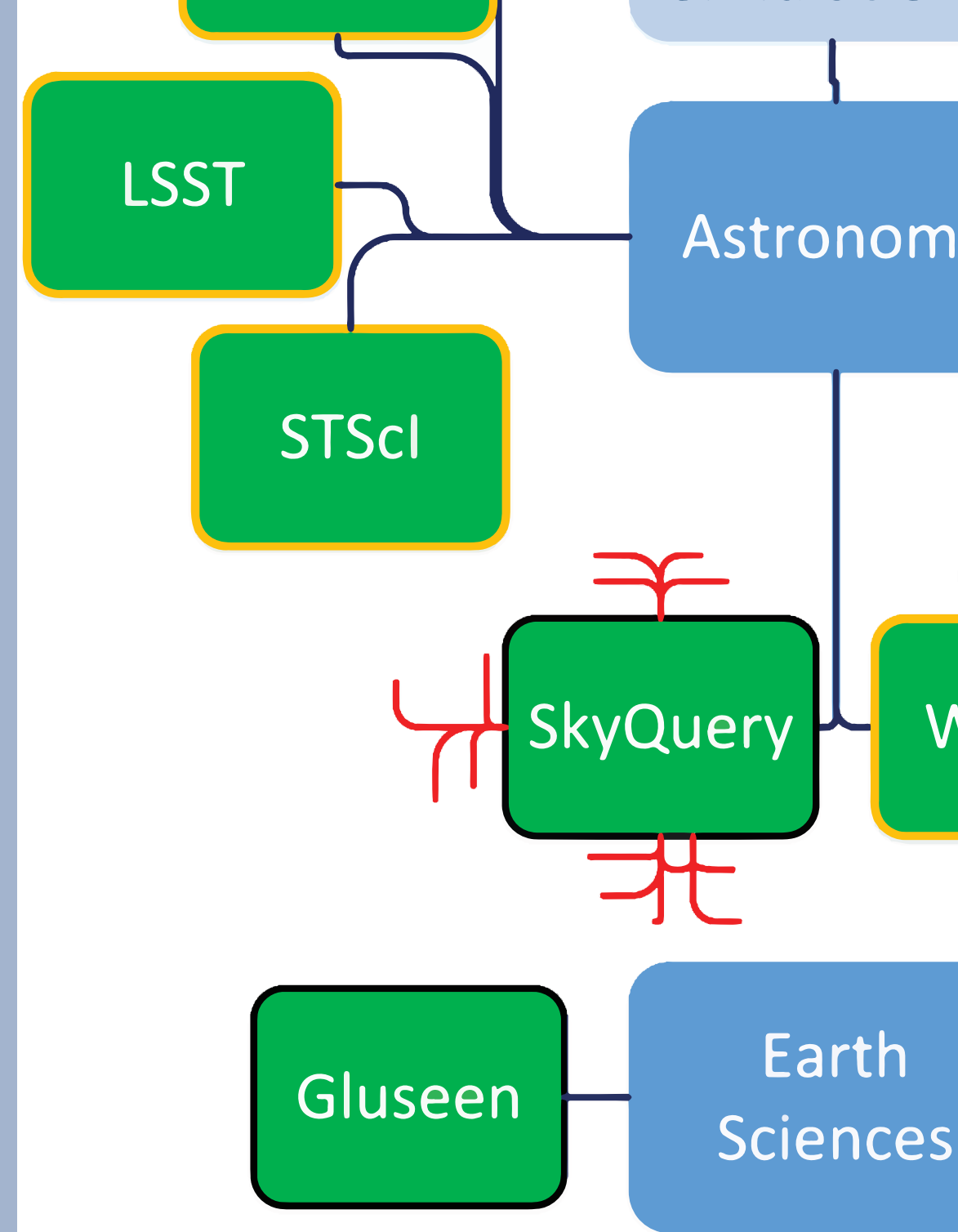
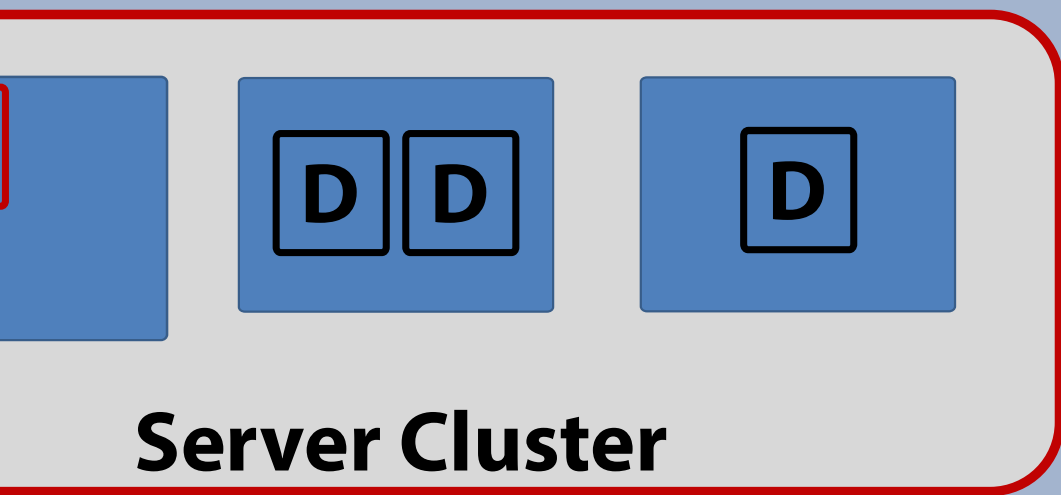


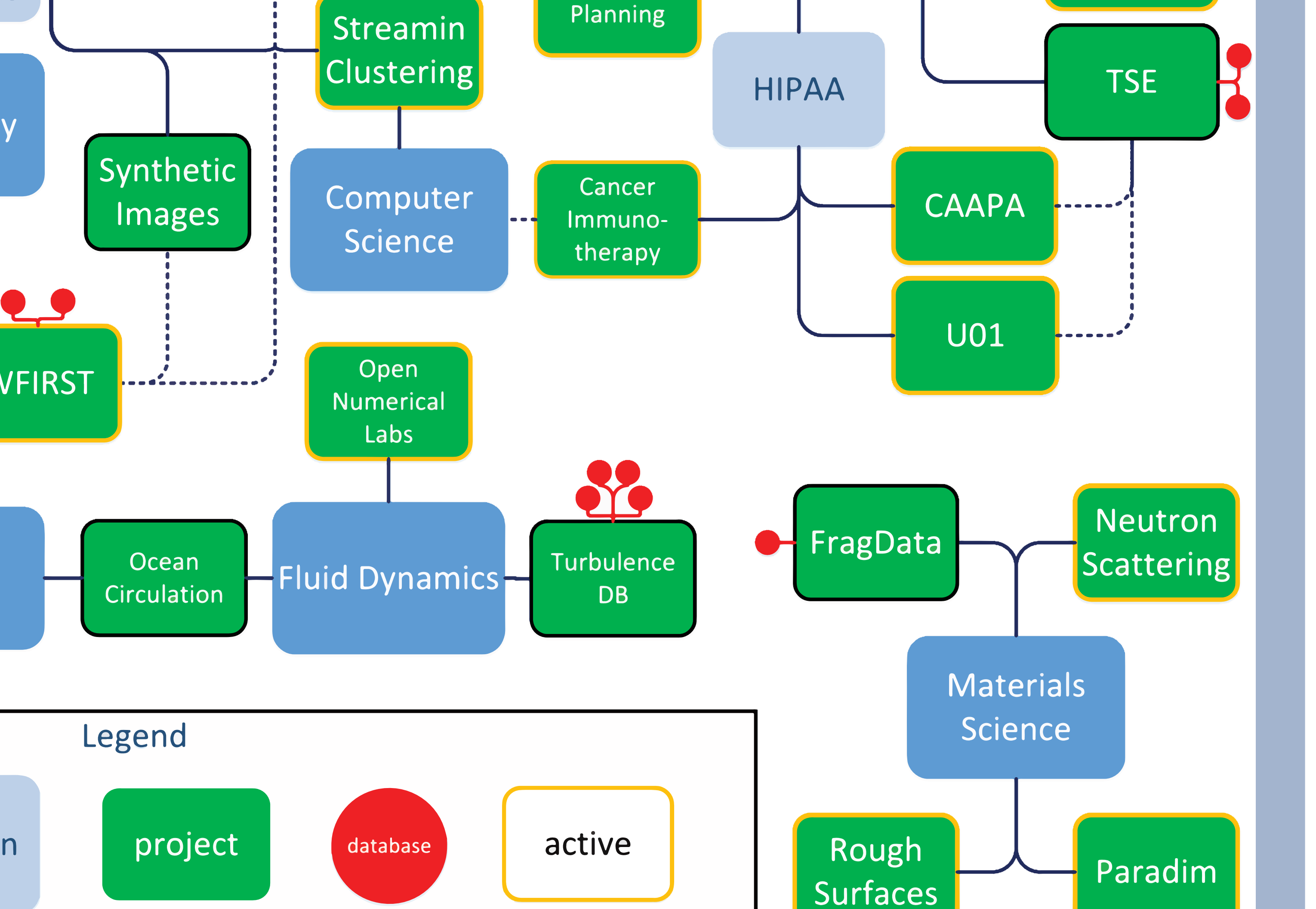
Server

MySQL™



# Scheduling

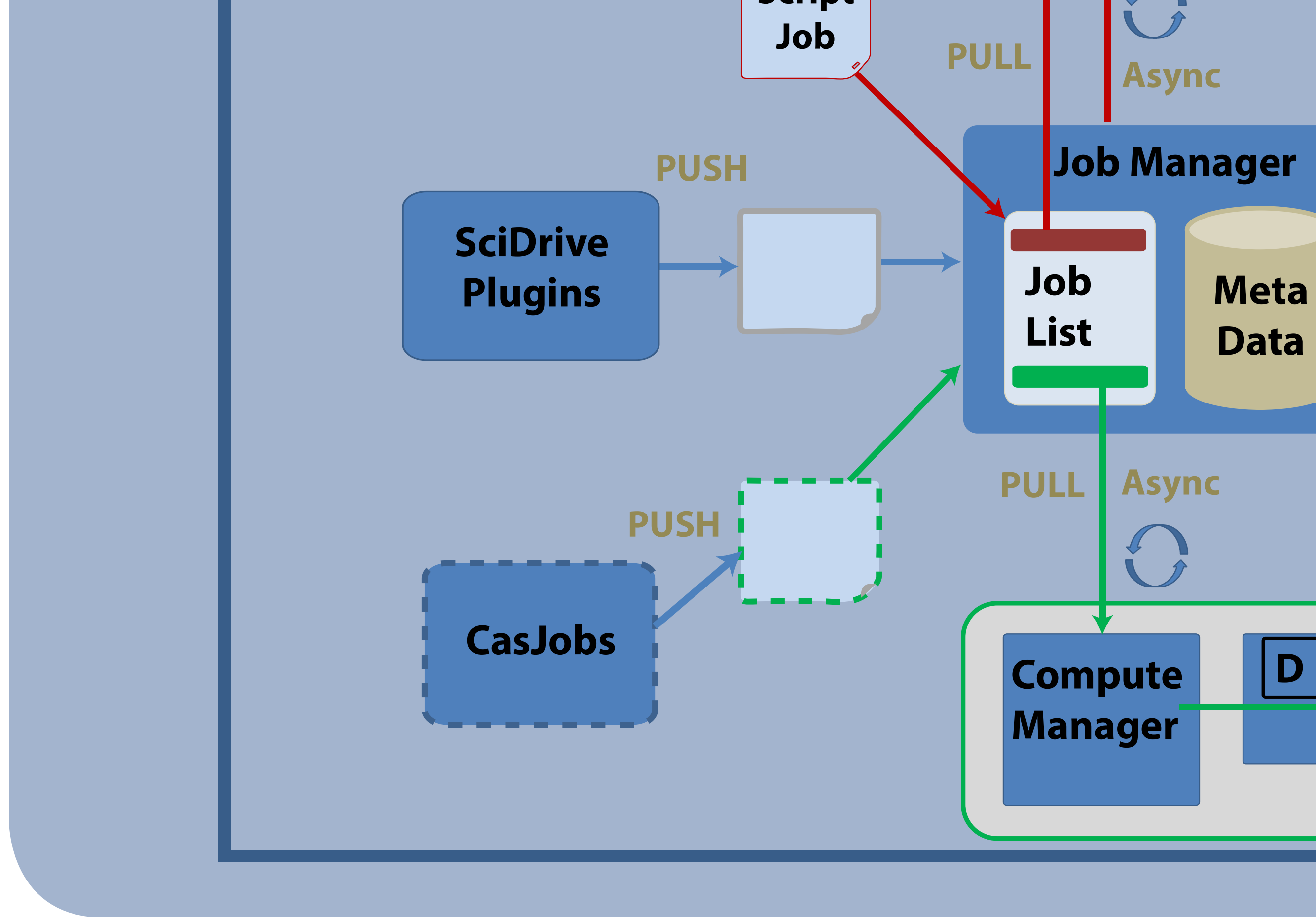


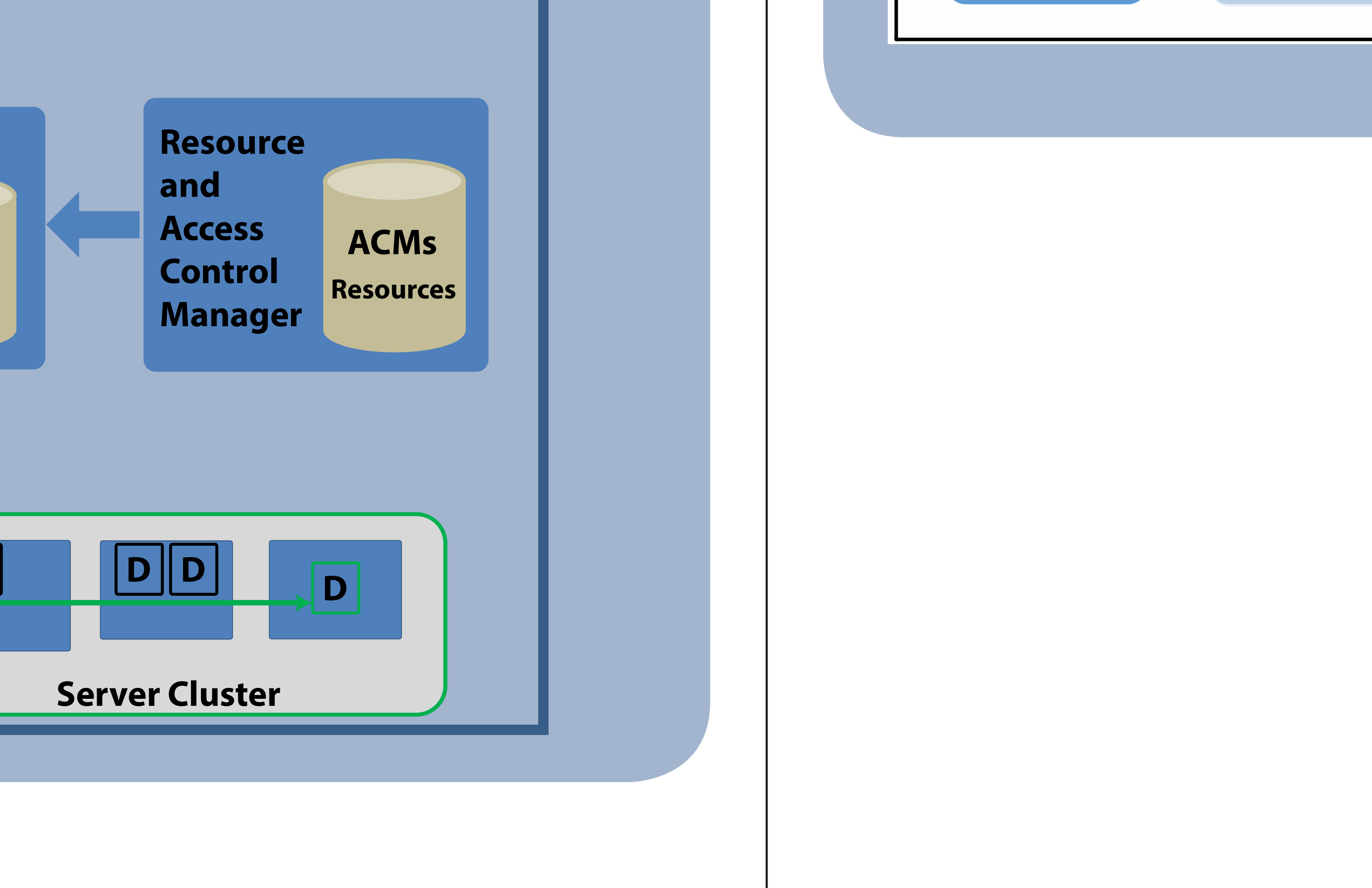


# How to Get Involved

- Use our toolkit  
([www.sciserver.org](http://www.sciserver.org))
- Volunteer to be an Early Adopter by emailing [sciserver-help@jhu.edu](mailto:sciserver-help@jhu.edu)
- Find bugs in our alpha system
- Suggest new features
- Let us help share your data
- Introduce us to other teams with data to share









WHOLE GROUP DEBATE





