eROSITA needs ancillary data. A lot. At any wavelength.

**Having each of our nodes using the same data,
or different releases of the same data is unefficient**

Working within a DB is faster

SCISERVER@JHU: decades of experience, successufull.

**SCISERVER is currently cloned in Japan (PFS) and
will be cloned in other places (e.g., JPL)**

**SCISERVER@MPCDF is
a joint effort of HEG (P. Nandra) and OPINAS (R. Bender), at MPE
expansion for other MPE/MPA istitutes possible**

Login Portal

SciServer offers single sign-on access to all components using Keystone authentication.

Dashboard

NEW: A tool to manage your files and datasets across SciServer

CasJobs

CasJobs is a versatile scientific workflow system, allowing users to run complex queries on large datasets and save and share results for future analysis.

Compute

Compute optimizes Big Data science by allowing users to bring their analysis close to the data with Jupyter Notebooks deployed in server-side containers.

Compute Jobs

SciServer Compute Jobs provides batch processing of Jupyter Notebooks, or plain scripts, that can be executed in the background.
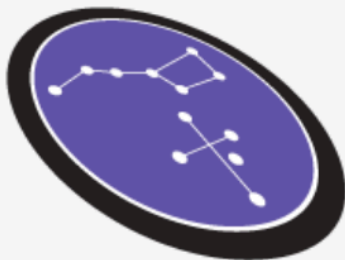
SciDrive

SciDrive is a Dropbox-like distributed storage service for science data that interfaces between databases and flat file systems.

SkyServer

SkyServer provides browser-based public access to all Sloan Digital Sky Survey data for everyone from teachers to professional astronomers.

SkyQuery

SkyQuery allows users to cross-match data from multiple astronomical datasets so that discoveries can be made from multi-wavelength observations.

Login Portal

SciServer offers single sign-on access to all components using Keystone authentication.

Dashboard

NEW: A tool to manage your files and datasets across SciServer

CasJobs

CasJobs is a versatile scientific workflow system, allowing users to run complex queries on large datasets and save and share results for future analysis.

Compute

Compute optimizes Big Data science by allowing users to bring their analysis close to the data with Jupyter Notebooks deployed in server-side containers.

Compute Jobs

SciServer Compute Jobs provides batch processing of Jupyter Notebooks, or plain scripts, that can be executed in the background.
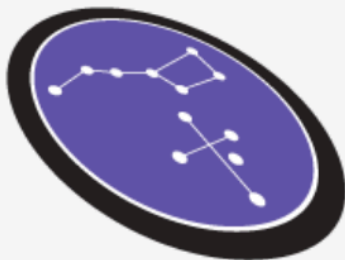
SciDrive

SciDrive is a Dropbox-like distributed storage service for science data that interfaces between databases and flat file systems.

SkyServer

SkyServer provides browser-based public access to all Sloan Digital Sky Survey data for everyone from teachers to professional astronomers.

SkyQuery

SkyQuery allows users to cross-match data from multiple astronomical datasets so that discoveries can be made from multi-wavelength observations.

The list of surveys that we wil ingest will depends on your requirements
For many surveys catalogs will be sufficient, reaching for the images only when needed and only for the areas of interest.

Interests so far:

DES
DECals
Gaia
PS2 (catalog if lucky, otherwise images, if we need to recalibrate)
DeROSITAS (catalogs and images)
unWISE (catalog)
VHS,VMC, VIKING (catalogs)
HSC

KIDS DR4

OTHER?
all sky SIMULATIONS?

Our man: Jonas Haase