

# WP5

## Rubin Science Platform

# Status

- We are currently trying to deploy the Rubin Science Platform (RSP)
  - <https://github.com/lsst-sqre/lsp-deploy>
  - Try to replicate the work done in Edinburgh :  
<https://github.com/stvoutsin/lsp-uk/blob/master/notes/20200122-LSP-Deploy-Openstack.txt>
  - RSP is heavily relying on Kubernetes / Helm
- 3 platforms
  - Dominique's personal servers
  - openstack @CC-IN2P3
  - LAPP / proxmox servers
- Complex architecture and poor documentation
  - Some success
  - But still a lot of work to get a functional 1<sup>st</sup> prototype
- Rubin Operations Boot camp last week with :
  - a strong focus on Data Preview 0 (which includes RSP)
  - a technical talk by Rubin Observatory on "Managing k8s service deployment with ArgoCD"

First (small) success: image accessed using the Virtual Observatory Table Access Protocol (TAP) and displayed with Firefly (IPAC)

LSST  
Large Synoptic Survey Telescope

Pixel Size: EQ\_12000: Image Pixel: Lock by click Background Mon

LSST TAP Legacy PDAC External Images External Catalogs Add Chart Upload

Images

WCS Match Target Match

DSS poss1\_red FOV: 2.8", 90°

