

# **Tools and Services Activity Summary**

## **DocDB**

- 2 Instances alive. Update to the support/contact model.

## **Storage / dCache support ([RT support](#))**

- **Pre-production/QoS:**
  - dCache 7.2.8 upgraded
  - New tape interface (endit) integration/prototype deployed on the preproduction / QoS
- **ATLAS**
  - Preparation for the coming tape challenge (end of February)
- **sPHENIX**
  - Enhance monitoring & analytics (billing db)
  - dCache pool/host (dcsphst003) decommissioned. 567TB of data migrated to other dCache pool hosts.
- **DUNE**
  - IPV6 enabled on doors
- **Belle 2**
  - dCache upgraded to 7.2.8, 01/19/22
  - Added new DMZ pool on dcbldoor01 (700GB NVME based storage)

## **Data management / Rucio**

- sPHENIX: Service and database deployed (sprucio01|02 hosts) via puppet
- QoS support: Adding features to align Rucio replication rules with transitions between volatile/non-volatile storages and vice versa

## **General Web Services**

- Supporting Louis on implementing updates to US-ATLAS website from DataArt
- Working with Louis Pelosi on revising the information architecture of the site to incorporate Charity's recommendations. The aim is to make the site more accessible to new users while retaining a sense of stability for longtime users.