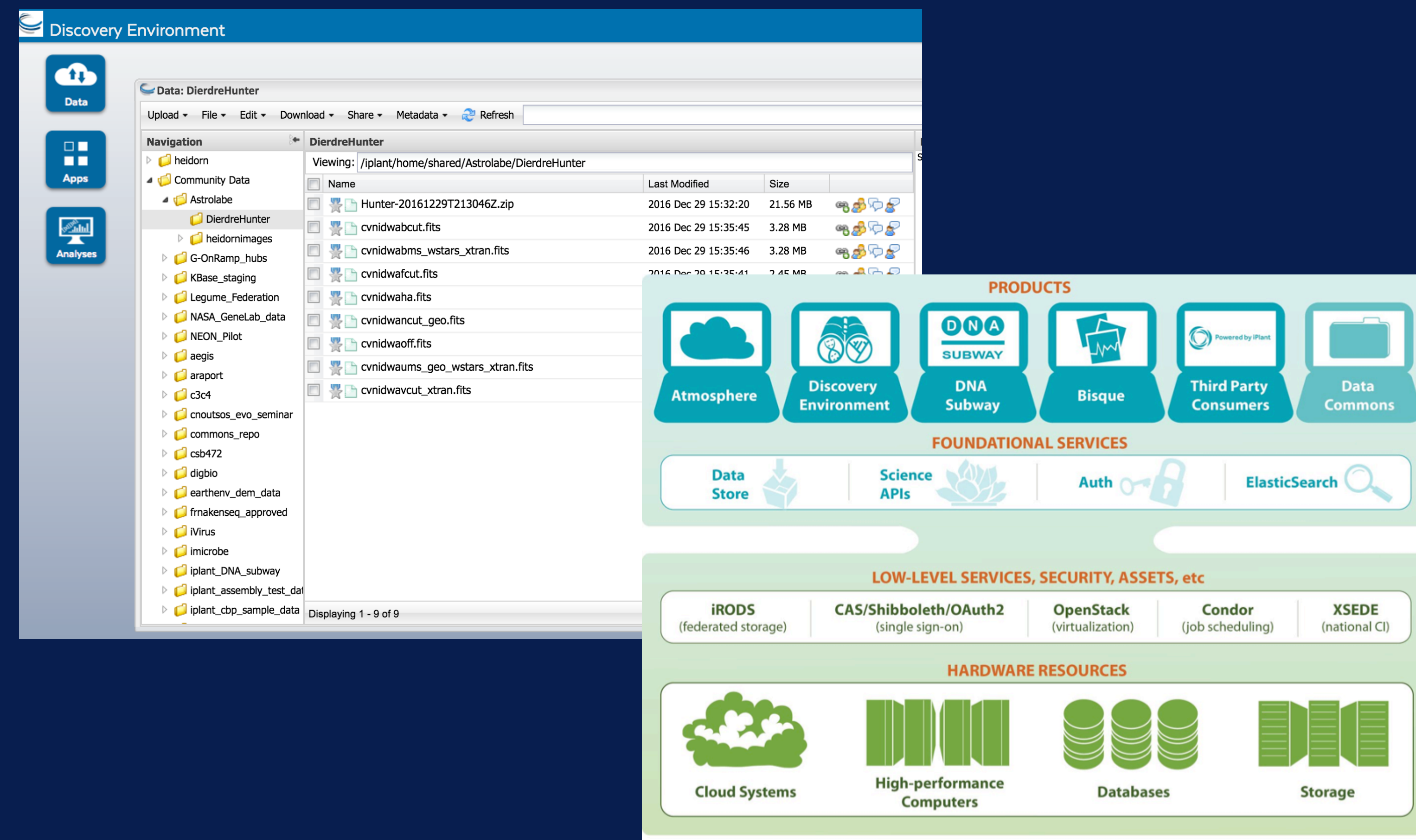


# The Astrolabe Project: Visualizing Astronomy Repository Data using WorldWide Telescope Software Systems

## CyVerse Cyberinfrastructure



- Discovery Environment
  - Hundreds of Apps and data management in a simple web interface
- Atmosphere
  - Custom cloud-based scientific analysis platform for particular areas of scientific interest
- Data Store
  - Store, manage, access, and share all the data related to research

CYVERSE.ORG

## WorldWide Telescope Software



- Developed by Microsoft
  - Open source software, now managed by American Astronomical Society
- Visualization Tool for Astronomy
  - WWT is used throughout the astronomy community for education and research
- Visualizing Repository Data in CyVerse
  - Implementing new functionality to process image, all-sky and catalog data for display in WWT clients and connecting to Astrolabe repository within CyVerse

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