

Training and Education Using the Open Science Data Cloud

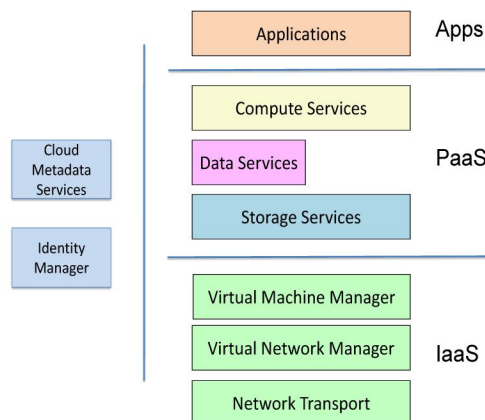
Partnerships for International Research and Education

www.opensciencedatacloud.org

OSDC PIRE Project Overview

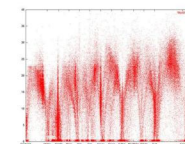
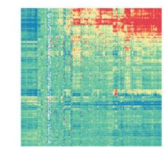


- Research
 - Cloud middleware for data intensive computing
 - Wide area clouds
- Training and education workshops
 - Data intensive computing using the OSDC
 - Cloud computing for scientific computing
- Outreach
 - OSDC Data Challenge
 - Awareness Workshops to help recruit a diverse work force



OSDC Data Challenge

- Annual contest to select 1 to 2 datasets to add to the OSDC
- Will search for the most interesting datasets to add (and hopefully accompanying applications)



Foreign Partners

- Edinburgh University
- Universidade Federal Fluminense, Brasil
- University of Amsterdam
- Korea Institute of Science & Technology
- San Paulo State University
- National Institute of Advanced Industrial Science and Technology (AIST), Japan
- Beijing Institute of Genomics (BIG)

Research Focus

- Cloud architectures for data intensive computing
- Wide area clouds
- Continuous learning
- Scanning queries



Ways to Participate

- Nominate one of your graduate students to spend a summer working with one of the OSDC PIRE Foreign Partners
- Send one of your graduate students to hands-on Workshops, such as Introduction to Data Intensive Computing
- Submit your most impressive dataset to the OSDC Data Challenge
- Buy a container of computers and join the OSDC

