Interactive Data Analytics Service Documentation

This documentation covers the campus shared Interactive Data Analytics Service (IDAS), provided by ITS-RS (Information Technology Services - Research Services). IDAS supports large-scale and collaborative data analytics using interactive tools such as RStudio for R and Jupyter Notebook for Python, R, and Julia. Users will benefit from High Performance Computing (HPC) resources while performing their interactive data analysis tasks.

Get started today!

- Request an IDAS account for research use
- Request to use IDAS for teaching a course
- Read IDAS documentation on the UIowa Wiki
- Stay up-to-date with IDAS maintenance and alerts

IDAS plans for the future

- Enable access to Argon investor queues
- Deploy IDAS resources on the cloud to meet remote demand

Milestones

- February 4, 2019 - Project kick-off meeting
- April 8, 2019 - Complete stakeholder engagements/requirements analysis
- June 4, 2019 - Classroom pilot launch
- June 21, 2019 - Research pilot launch
- August 19, 2019 - Initial functionality launch
- December 26, 2019 - RStudio available for research use. Access to LSS and Argon available
- March 17, 2020 - RStudio Classroom moved to a multi-server environment. Sessions are now evenly distributed across all nodes. Doubled the amount of compute resources available to RStudio Classroom

Contact

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