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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