OPEN OnDemand

Ohio Supercomputer Center

An OH·TECH Consortium Member

OPEN OnDemand

Overview

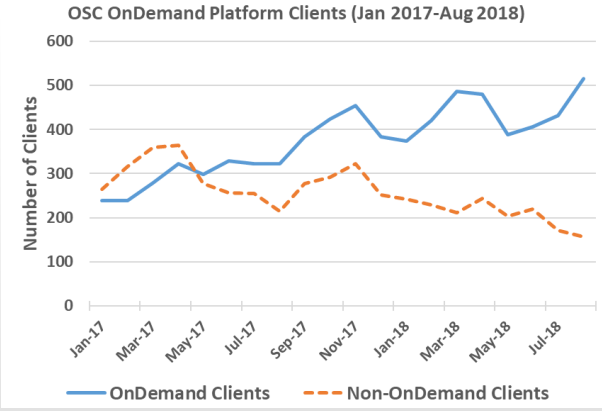
Provides an easy to install and use, web-based access to supercomputers, resulting in intuitive, innovative support for interactive supercomputing.

Features include:

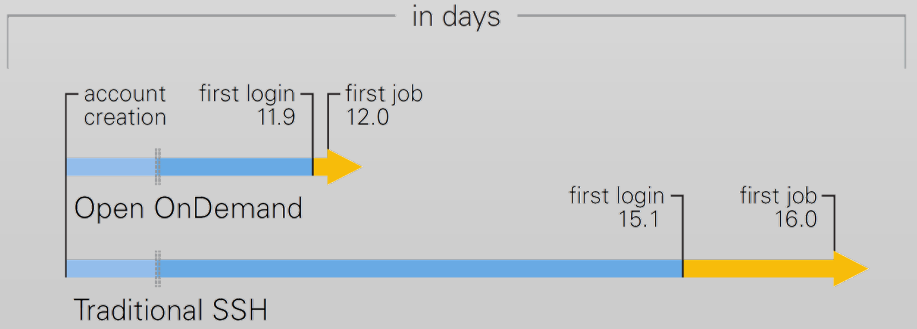
- Plugin-free web experience
- Easy file management
- Command-line shell access
- Job management and monitoring
- Graphical desktop environments and applications

OSC Install Details and Impact

- Launched Sep. 2016, serving OSC clients globally
- % of users has steadily increased since launch



- OnDemand users start work faster than traditional users, both in terms of first login and job submission



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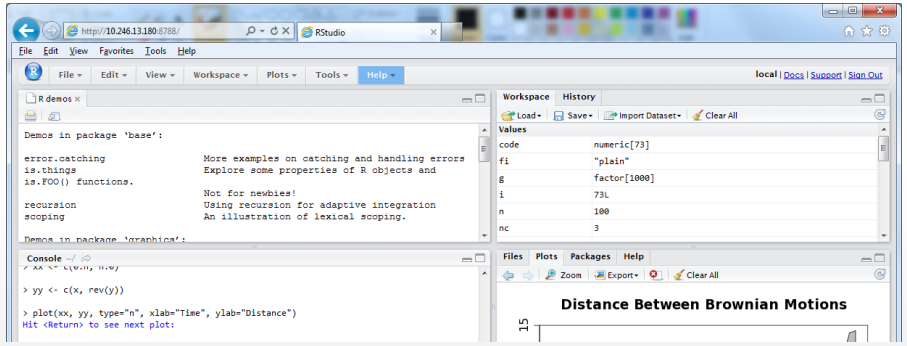
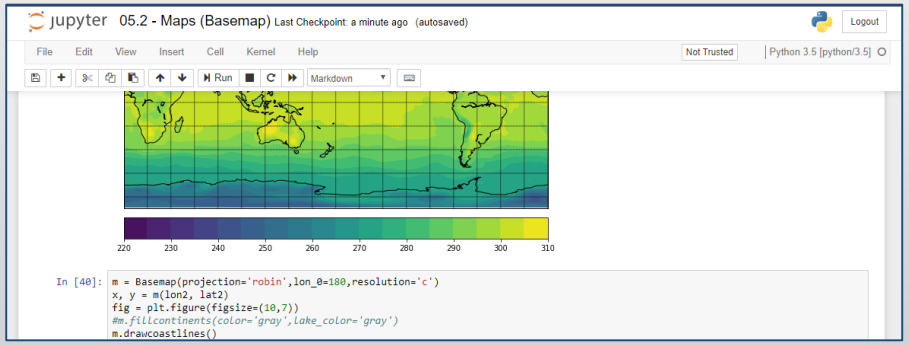
Interactive Apps & Cluster Access

RStudio Server – R IDE

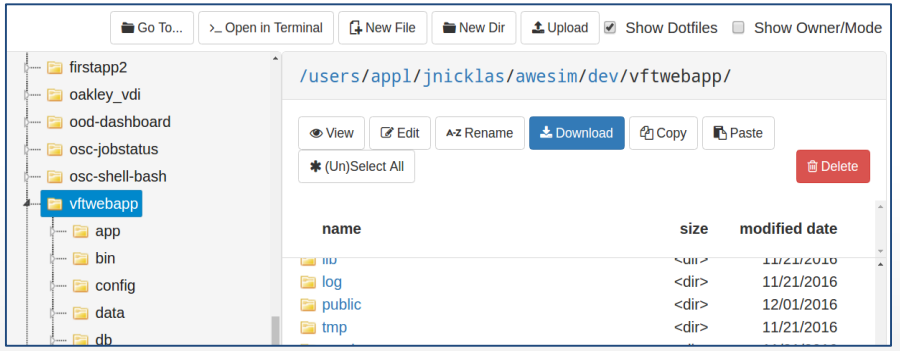


Jupyter Notebook – Python IDE

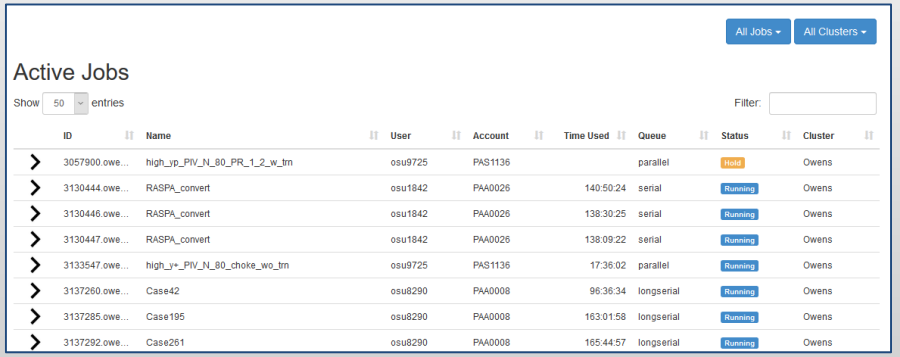


And many more, such as ANSYS Workbench, Abaqus/CAE, MATLAB, Paraview, COMSOL Multiphysics

File Access (browse, edit, etc)



Manage Jobs (view, submit, etc)



And many more, such as in-browser SSH terminal, job constructors, VNC desktops

Example Current Engagements and Deployments

Production Deployments

In Process of Installing

Get Started!

- Documentation and code repository available at: http://openondemand.org/
- Send email to ood-users-request@lists.osc.edu with the subject “subscribe” to join the mailing list
- Webinars and conference publications available on the website

Open OnDemand website
QR code

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