

# Better access to HPC with **OPEN** nDemand

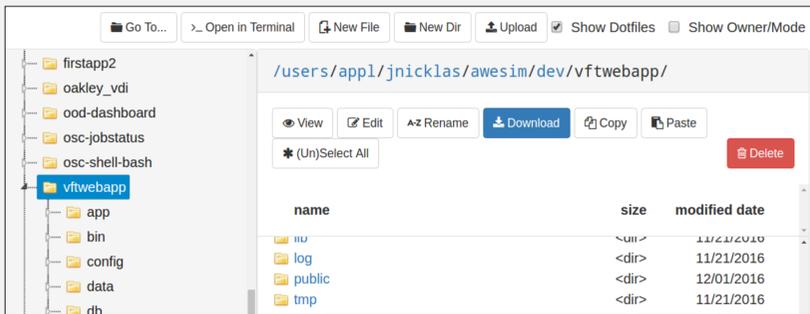
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## Use the web to access HPC systems

**Makes it easy**

- No client installation required
- Access from anywhere, any device

Example: File access (browse, edit, etc)

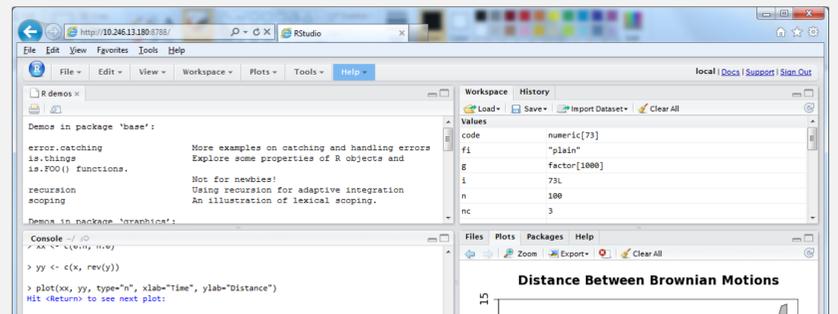


## Democratize access to software tools

**Makes it useful**

- Use the same tools at class, work and home
- Plugins can be made for any application

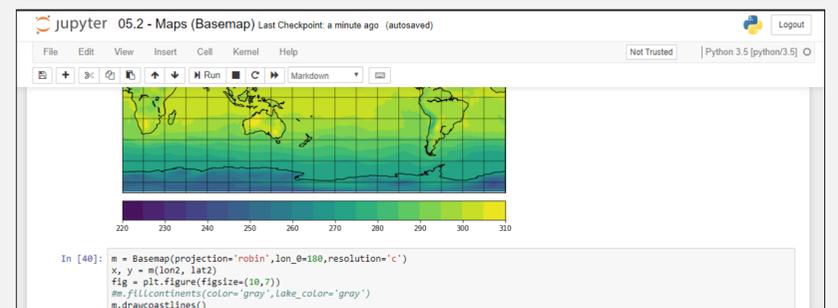
Example: RStudio Server – R IDE



Example: Manage jobs (view, submit, etc)

ID	Name	User	Account	Time Used	Queue	Status	Cluster
3057900.owe...	high_ip_PIV_N_80_PRR_1_2_w_tm	osu9725	PAS1136		parallel	idle	Owens
3130444.owe...	RASPA_convert	osu1842	PA40026	140:50:24	serial	Running	Owens
3130446.owe...	RASPA_convert	osu1842	PA40026	138:30:25	serial	Running	Owens
3130447.owe...	RASPA_convert	osu1842	PA40026	138:09:22	serial	Running	Owens
3133547.owe...	high_ip_PIV_N_80_choke_wo_tm	osu9725	PAS1136	17:36:02	parallel	Running	Owens
3137260.owe...	Case42	osu8290	PA40008	96:36:34	longserial	Running	Owens
3137285.owe...	Case195	osu8290	PA40008	163:01:58	longserial	Running	Owens
3137292.owe...	Case291	osu8290	PA40008	165:44:57	longserial	Running	Owens

Example: Jupyter Notebook – Python IDE

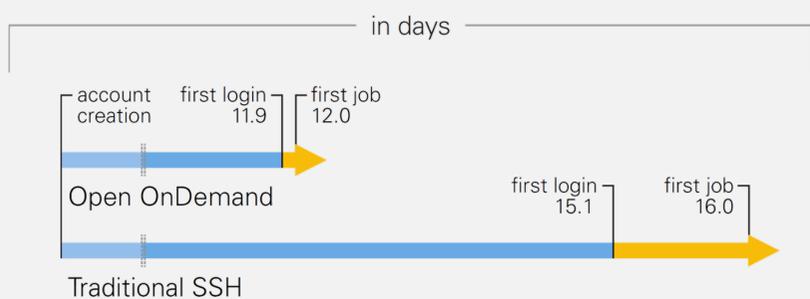


## Applicable to many scientific domains

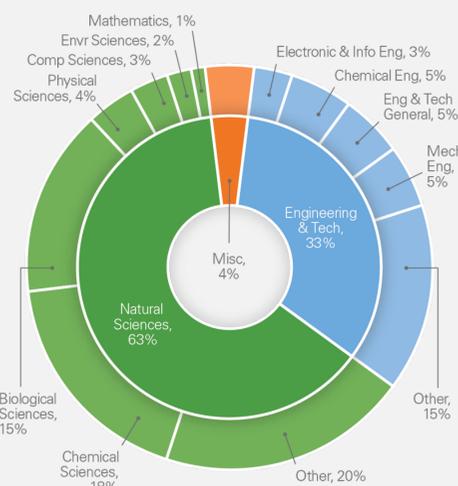
**Makes it impactful**

- Attracts non-traditional HPC clients
- Reduces the time to science

Example: OSC clients start work faster



Example: OSC clients from many fields

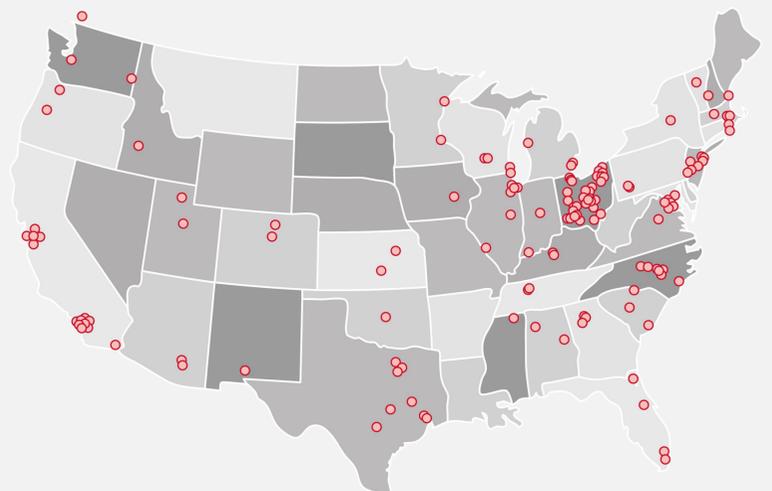


## Installed all over the US and beyond

**Makes it a community**

- Easily customizable by local sysadmins
- Open sourced and actively supported

Example: Dozens of production deployments



Learn more!

Documentation, code repository, discussion forums, publications and presentation materials available at:

<http://openondemand.org/>

