This is the documentation for using the Compute1 Platform. This documentation is focused on the resources contained there and using the LSF job scheduler.

## **Getting Started**

https://washu.atlassian.net/wiki/spaces/RUD/pages/1705803819/Open+OnDemand?atlOrigin=eyJpljoiNDkxNjU3NTRmNzUxNDViNhttps://washu.atlassian.net/wiki/spaces/RUD/pages/1705803819/Open+OnDemand?atlOrigin=eyJpljoiNDkxNjU3NTRmNzUxNDViNhttps://washu.atlassian.net/wiki/spaces/RUD/pages/1696039041/THPC+Installed+Applications?atlOrigin=eyJpljoiN2RjYjg5NWJkNhttps://washu.atlassian.net/wiki/spaces/RUD/pages/1705738300/RIS+Developed+Containers?atlOrigin=eyJpljoiMTc1ZTBmODhjMzhttps://washu.atlassian.net/wiki/spaces/RUD/pages/1861451878/Non-RIS+Docker+Images?atlOrigin=eyJpljoiOGRkYWJjYjFkOWJrhttps://washu.atlassian.net/wiki/spaces/RUD/pages/1785757987/RTM?atlOrigin=eyJpljoiOWRhNmUwNTVhMTcyNDc5MGFiZTAyO

## **Tutorials**

https://washu.atlassian.net/wiki/spaces/RUD/pages/1865285780/Docker+Tutorial?atlOrigin=eyJpljoiMDBiMTVkNDlhMmE4NGQ4M

https://washu.atlassian.net/wiki/spaces/RUD/pages/1867743312/R+Tutorial?atlOrigin=eyJpljoiMDg5ZGU4ODdhOTViNDcyNWlzMz

https://washu.atlassian.net/wiki/spaces/RUD/pages/1786937372/Software+Development+Using+Compute1?atlOrigin=eyJpljoiNDV

https://washu.atlassian.net/wiki/spaces/RUD/pages/1793949820/Create+Custom+Conda+Environment?atlOrigin=eyJpljoiMjljMjEx

## **Docker**

https://washu.atlassian.net/wiki/spaces/RUD/pages/1705115761/Docker+and+the+RIS+Compute1+Platform?atlOrigin=eyJpljoiOTU
https://washu.atlassian.net/wiki/spaces/RUD/pages/1864892726/Docker+Basics+Building+Tagging+Pushing+A+Custom+Docker+

https://washu.atlassian.net/wiki/spaces/RUD/pages/1866072140/Installing+Python+Packages+In+Your+Docker+Container?atlOrig

## **Advanced Topics**

https://washu.atlassian.net/wiki/spaces/RUD/pages/1705182249/Job+Execution+Examples?atlOrigin=eyJpljoiZjl3ZjcxMGZiZGQ4Nhttps://washu.atlassian.net/wiki/spaces/RUD/pages/1704984661/Docker+Wrapper+Environment+Variables?atlOrigin=eyJpljoiZDQ

https://washu.atlassian.net/wiki/spaces/RUD/pages/1704886361/Compute1+Condo+and+Subscription+Queues?atlOrigin=eyJpljoi

https://washu.atlassian.net/wiki/spaces/RUD/pages/1705771082/Parallel+Computing?atlOrigin=eyJpljoiMWUyZDYwMDc1MmMxN
https://washu.atlassian.net/wiki/spaces/RUD/pages/1786478674/Port+Forwarding?atlOrigin=eyJpljoiNml5YWQxN2FmODhmNDcy
https://washu.atlassian.net/wiki/spaces/RUD/pages/1794834439/Using+OFED+in+Docker+Images?atlOrigin=eyJpIjoiMjZINjU2NTM
https://washu.atlassian.net/wiki/spaces/RUD/pages/1794736152/Using+CUDA+in+Docker+Images?atlOrigin=eyJpljoiMGU1Nml5N
https://washu.atlassian.net/wiki/spaces/RUD/pages/1793949810/Intel+Compiler+Base+Tutorial?atlOrigin=eyJpljoiNTIhMDlyYjFjM
https://washu.atlassian.net/wiki/spaces/RUD/pages/1794965573/Access+Storage+Volumes?atlOrigin=eyJpljoiODYxMDhjYTRmM
https://washu.atlassian.net/wiki/spaces/RUD/pages/1844445524/Space+Management?atlOrigin=eyJpljoiMzk1MjcxMzY2MTM0ND2