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Compute Resources

Have questions or need help with compute, including activation or issues? Follow this link.

User Agreement

Docker Usage

The information on this page assumes that you have a knowledge base of using Docker to create images and push them to a repository for use. If you need to review that information, please see the links below.

https://washu.atlassian.net/wiki/spaces/RUD/pages/1705115761/Docker+and+the+RIS+Compute1+Platform?atlOrigin=eyJpljoiNzc4YTZjNjlxYmQwNGI3OTk4M2Q0M\

https://washu.atlassian.net/wiki/spaces/RUD/pages/1864892726/Docker+Basics+Building+Tagging+Pushing+A+Custom+Docker+Image?atlOrigin=eyJpljoiMTVjMjNIM

Image Details

huygenspro - https://svi.nl/Huygens-Professional

hucore (command line interface) - https://svi.nl/Huygens-Core (This is the only command that will run in the CLI without needing a GUI/display)

essential - https://svi.nl/Huygens-Essential

huygensloc - https://svi.nl/Huygens-Localizer

Interactive GUI Session

Interactions GUI sessions are done via the Custom noVNC Image application in Open On Demand (OOD).

You can find out more about OOD here: Compute Quick Start.

The Docker Image field should be filled in with the information below.

]]>

Huygens Docker Tag:

The <tag> will refer to the version of Huygens in the Docker container.

Fill out the rest of the fields with the appropriate information (explained in the quick start).

Launch the job through the methods described in the quick start.

Once in an interactive session use the following commands in the terminal, depending on which version you want.

Huygens Professional

huygenspro]]>

Huygens Essential

essential]]>

Huygens Localizer

huygensloc]]>

The terminal command and GUI should look like the following.

License Information

If no trial license or purchased license available, software will run In freeware version.

Per SVI support team, manual login is required unless a node-locked license string is properly set up.

This functionality does not have a universal solution for the RIS community/cluster at this

To attempt this solution, license location should be mounted as follows:

/path/to/huygens_license_folder/:/opt/huygens/huygensLicense

where the license file is named huygensLicense

Interactive Command-Line Session

If you wish to use Huygens in an interactive command-line session, you can do so with the following commands.

bsub -ls -a 'docker(ghcr.io/washu-it-ris/huygens:)' -q general-interactive /bin/bash]]>

Once in the container, you can run the command line version of Huygens with the following command.

hucore]]>

Available Versions

Current Versions

ghcr.io/washu-it-ris/huygens

24.10