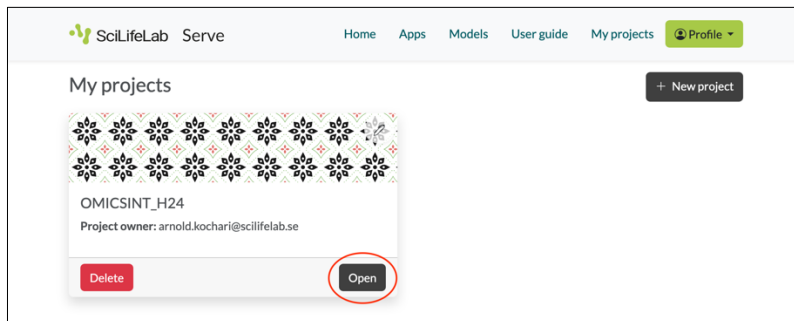
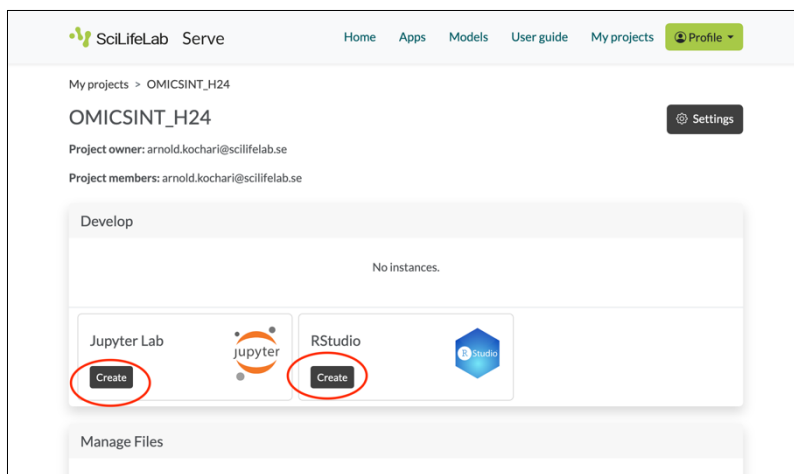


Instructions for launching the labs during the course OMICSINT_H24

1. Go to <https://serve.scilifelab.se> and Log in with your account.
Note: You need to have been registered beforehand and your account needs to have been given access to the course materials. If you didn't do it yet, register now and email serve@scilifelab.se saying that you did.
2. Go to *My projects* from the main menu. You should see a project called OMICSINT_H24 there. Click *Open*.



3. To launch a particular lab, you first need to know if it is a Jupyter or Rstudio lab. Click on the button *Create* under a corresponding lab type.



4. You will now see a form to create a lab. Under *Name* put the name of the lab, under *Environment* select the lab name. Leave the rest of the fields unchanged. Now lick *Submit*.

SciLifeLab Serve

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My projects > OMICSINT_H24 > Create JupyterLab

Create JupyterLab

Note that after 7 days the created JupyterLab instance will be deleted, only the files saved in 'project-vol' will stay available.

Each JupyterLab instance can get access to the persistent volume (folder) associated with this project, called 'project-vol'. Please make sure to save all your data files, script files, output from computations, etc. inside 'project-vol'; the files located elsewhere can be deleted at any point. The files saved inside 'project-vol' will be available across all instances of JupyterLab (as well as other apps) within this project.

Name [?]

Lab topology

Volume

project-vol (OMICSINT_H24)

Select a volume to attach to your JupyterLab.

Permission [?]

Project

Hardware [?]

6 vCPU, 12 GB RAM

Environment [?]

Lab topology

Select the environment to run the app in. Read more about environments in the documentation.

Cancel Submit

- The lab will now be created for you. Wait a few minutes to see the status “Running” in green. You can now click on the lab name and open the lab. If the status does not turn to “Running” within 5 minutes click on the three dots under *Actions*, click on “Delete”. Wait a few minutes until you see the status “Deleted”. Now you can refresh the page and start over.

SciLifeLab Serve

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My projects > OMICSINT_H24

OMICSINT_H24

Project owner: arnold.kochari@scilifelab.se

Project members: arnold.kochari@scilifelab.se

Settings

Develop

Type	Name	Created	Status	Tags	Actions
Jupyter Lab	Lab topology	10/10/24 11:43	Running project		

*Note that all apps under Develop will be deleted 7 days after creation.

Jupyter Lab Create

Jupyter Create

RStudio Create

Please note that in rare cases it may happen that your notebook suddenly restarts. This could be because there is an error that affected the notebook globally (for example, it ran out of temporary memory). You will see this on the page where you are working. A new notebook will start for you at the same URL within a few minutes. In case of Jupyter notebooks you will unfortunately always have to start your work again from the beginning of the particular notebook you are using. In case of RStudio notebooks however you have access to persistent storage – the folder *project-vol* which you will also see in the bottom right panel of RStudio interface. Files stored in this folder (NB: only in this folder) will be available even if a notebook suddenly restarts. You can also view, download these files or upload other files that will become visible in your RStudio notebook through a *File Manager* (*File Manager* can be launched from the Project overview page).

6. When you are done with a particular lab, you need to delete it before you can create a new one. Click on the three dots under *Actions*, click on *Delete*. Wait a few minutes until you see the status *Deleted*. Now you can refresh the page and start over.