

Remote Workspace

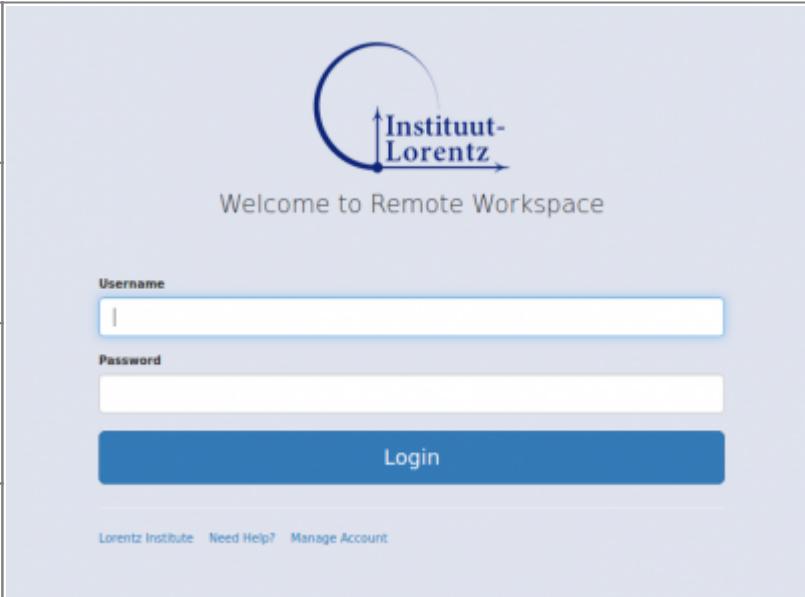
The Lorentz Institute provides all of its users with access to a virtual workspace which emulates the Institute physical workstations and their custom software setup by means of only a web browser without the installation of plugins or extra software. The immediate advantages to the users are

- Access to the Lorentz Institute workstation setup from the comfort of your laptop, wherever you are, and without VPN or SSH tunnels
- Access to your documents/files at the Lorentz Institute from a web browser window without installing extra software
- Access to intranet services as you were physically located in your office

On this page you will find a short guide to get you started using IL Remote Workspace. The impatient can see these [example videos](#) (accessible via *intranet*).

Login to Remote Workspace

| |
|---|
| Browse to https://remote.lorentz.leidenuniv.nl Any modern browser would do, but Firefox and Chrome are advised |
| Access by using your Lorentz Institute credentials <i>Your username is the part preceding the @ symbol</i> |
| Several failed login attempts will cause your IP to be banned <i>To unblock your IP address contact the helpdesk</i> |
| The <u>only</u> bookmark that will work is https://remote.lorentz.leidenuniv.nl <i>Other bookmarks will cause login errors</i> |



Welcome to Remote Workspace

Username

Password

Login

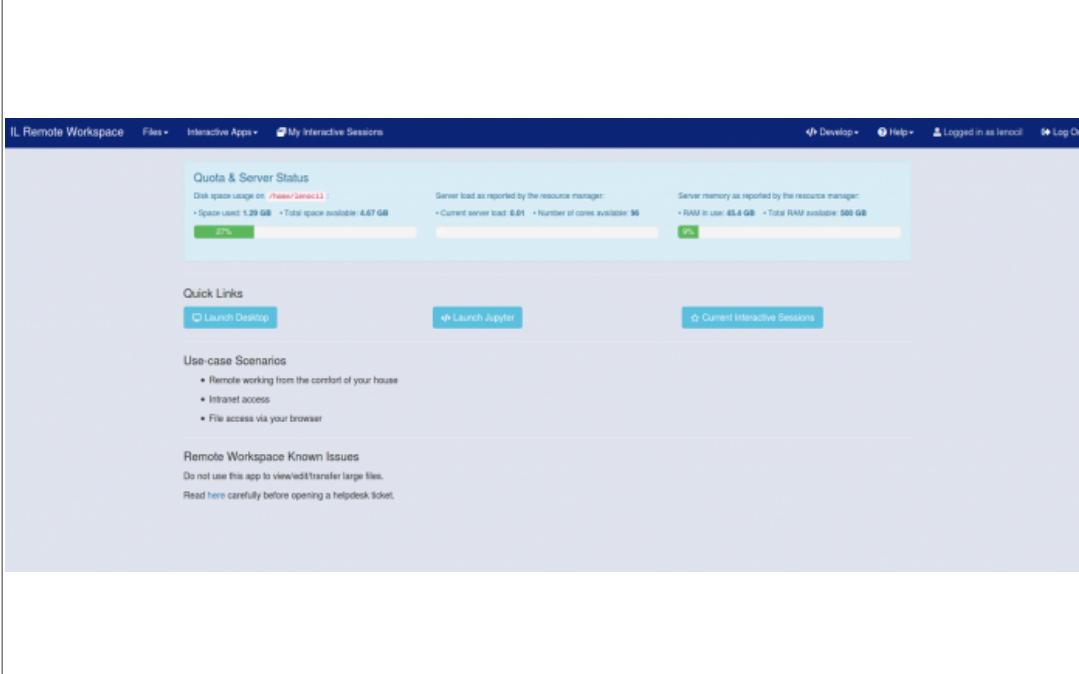
Lorentz Institute Need Help? Manage Account

Using Remote Workspace

Dashboard

Last update:

2020/11/18 institute_lorentz:remote_workspace https://helpdesk.strw.leidenuniv.nl/wiki/doku.php?id=institute_lorentz:remote_workspace
10:02

| | |
|--|---|
|  | <p>Start/monitor/manage your remote sessions via the Dashboard View/edit/create/transfer files The system GUI cannot handle large files (max 1GB is advised)</p> <p>Quota information and server status Do not ignore quota warnings, because many applications rely on free home space to work correctly</p> <p>The server should be able to handle up to 20 concurrent remote sessions Each interactive session allocates 4 CPUs and 16 GB RAM to a user A user can only request 1 session per time</p> |
|--|---|

Interactive Apps

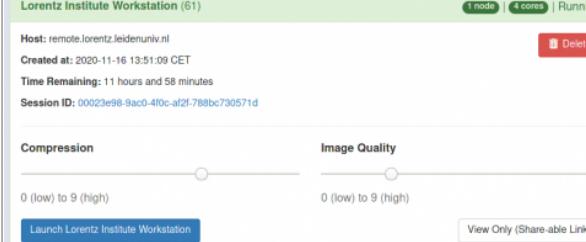
Access Interactive Apps via the toolbar Interactive Apps menu or via the Quick links buttons in the Dashboard. Choices are

- Lorentz Institute Workstation
- Jupyter Notebook

Workstations are preconfigured with several softwares

An interactive desktop or notebook (session) can last a max of 72 hours
Past that mark, it will be terminated

Connections to an unterminated (active) session is always possible even after logging out by clicking on My Interactive sessions toolbar menu



Session ID: 00023e98-9ac0-4f0c-af2f-788bc730571d

Compression: 0 (low) to 9 (high)

Image Quality: 0 (low) to 9 (high)

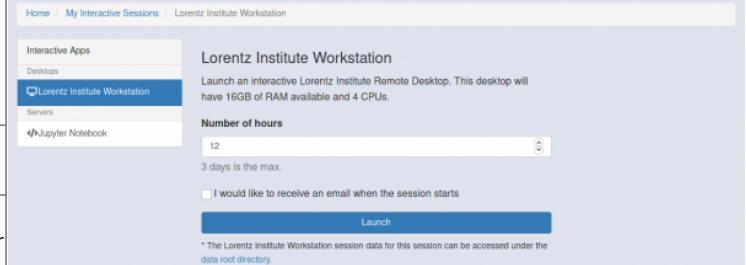
[Launch Lorentz Institute Workstation](#)

[View Only \(Shareable Link\)](#)

Really use a remote workstation as you wish

Launch a terminal
start a screen session within the terminal
Note though that any process associated to your session will be terminated if the session is killed

Launch a browser
browse to IL subscribed journal sites,
browse the intranet



Lorentz Institute Workstation

Launch an interactive Lorentz Institute Remote Desktop. This desktop will have 16GB of RAM available and 4 CPUs.

Number of hours: 12

3 days is the max.

I would like to receive an email when the session starts

[Launch](#)

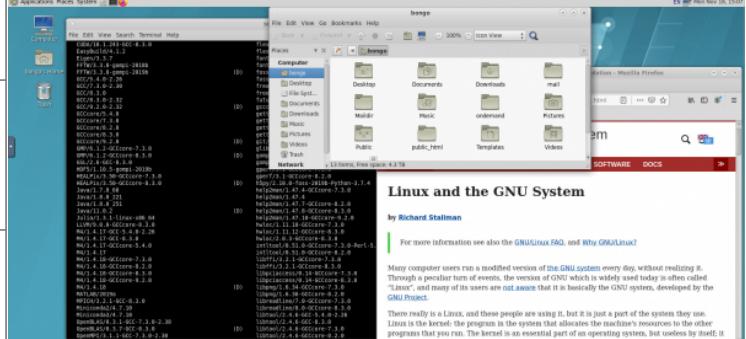
* The Lorentz Institute Workstation session data for this session can be accessed under the data root directory.

An interactive session tab reports

- session remaining time
- allocated resources
- link to debugging files

The Session ID button will open a file browser to the session files
Tune VNC compression and image quality for better experience

Active sessions can be terminated by clicking on the Delete button



Linux and the GNU System
by Richard Stallman

For more information see also the [GNULinux FAQ](#) and [Why GNULinux?](#)

Many computer users run a modified version of the [GNU system](#) every day, without realizing it. Through a peculiar turn of events, the version of GNU which is widely used today is often called Linux, even though many of its users are not aware that it is basically the GNU system, developed by the [GNU Project](#).

There really is a Linux, and these people are using it, but it is just a part of the system they use. Linux is the kernel: the program in the system that allocates the machine's resources to the other programs that you run. The kernel is an essential part of an operating system, but useless by itself. It only comes into its own in the context of a complete operating system. Linux is normally used in



Users who wish to use Jupyter Lab instead of the classic Jupyter Notebook must first launch a notebook and then substitute tree with lab in the window URL.

Files



| name | size | modified date |
|-------------|------|---------------|
| Desktop | 0B | 11/11/2020 |
| Documents | 0B | 11/11/2020 |
| Downloads | 0B | 11/11/2020 |
| Maildir | 0B | 11/11/2020 |
| Music | 0B | 11/11/2020 |
| Pictures | 0B | 11/11/2020 |
| Public | 0B | 11/11/2020 |
| Templates | 0B | 11/11/2020 |
| Videos | 0B | 11/11/2020 |
| mail | 0B | 11/11/2020 |
| ondemand | 0B | 11/11/2020 |
| public_html | 0B | 11/11/2020 |
| test | 1.2M | 11/16/2020 |

Access your files by clicking on the **Files** dropdown menu on the toolbar

Different users have access to different file locations

Seamlessly manage files stored on the IL disks

Transfer files from/to your laptop using the browser

No extra software or browser plugins needed

The GUI does not to work well with large files (max 1GB)

Transfer large files from/to using your favorite sftp client to `ssh.lorentz.leidenuniv.nl`

Known issues

Please read <https://osc.github.io/ood-documentation/master/issues/overview.html>

From: <https://helpdesk.strw.leidenuniv.nl/wiki/> - Computer Documentation Wiki

Permanent link:
https://helpdesk.strw.leidenuniv.nl/wiki/doku.php?id=institute_lorentz:remote_workspace

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