



A note for our X2Go users: the issue that made it difficult to enter special characters using AltGr hopefully has been resolved.



# Luis HPC Cluster Documentation

This document is meant to facilitate your work with the cluster system of Leibniz University Hannover. Please take some time to read through this document. **If you think you have absolutely no time, read at least I am a new user - Quick Start.**

Regard this documentation and the [FAQ](#) as a necessary complement to the cluster itself. If you have questions not answered here, or if something remains unclear, you may always contact the cluster team. See [how to get support](#) on how to create a case that helps us help you without unnecessary delays.

## User's guide [Export to PDF](#)

- About the LUIS compute systems
- How to connect to the cluster
- File systems
  - Handling large datasets within the cluster
- Transferring data to/from the cluster
  - Managing files in cloud storage using Rclone
  - Migrating files into the archive
- Submitting SLURM jobs
- Modules & Application software
  - Compiling software yourself using EasyBuild
  - Apptainer containers
  - Conda usage
- Remote visualization for interactive 3D work
- When your work is done

## Cluster resources and

## services

- Computing hardware
- Available software
- Cluster web portal
  - Remote visualization for interactive 3D work
  - Jupyter/Lab in the cluster
- JupyterHub for teaching in the cluster
- System status

## Help and Support

- Frequently Asked Questions (FAQ)
- How to get support
- Cluster Introductory Course
- Citing the compute cluster

From:

<https://docs.cluster.uni-hannover.de/> - **Cluster Docs**



Permanent link:

<https://docs.cluster.uni-hannover.de/doku.php/start>

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