home directory

- The home directory is located at /home/your_login_name
- The home dir has a maximum size of **200 Gigabyte** and a file number limit of **2 mio files**.
- The home has a snapshot over the **last 14 days**.
- The snapshot data are located at $HOME/.snapshot
- The home dir is available on all CPU-, GPU- and interactive node.

Please use Your home dir only for basic work - not for saving huge amount of data!

scratch directory

The scratch directory is located at /scratch/your_login_name
The scratch dir has a maximum size of **2 Terabyte** and a file number limit of **2 mio files**.
The scratch dir is NOT included in a backup!
The scratch dir is available on all CPU-, GPU- and interactive node.

Please use Your scratch dir for Your data during job runtime and pre/post processing.

archive directory

The archive directory is located at /data2/hpcuser/your_login_name
The archive dir has a deafult size of **100 Gigabyte** and a file number limit of **200.000 files**.
The archive dir is included in the central backup (weekly incremental)!
The archive dir is available only at the **transfer nodes**.

Please use Your archive dir for saving representative data weekly or monthly.
We recommend to setup Your archive together with meta data files.
Please contact our data steward Data Steward to this topic.

Please contact hpc@tu-ilmenau.de for more details and questions.

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