This page describes the different spaces that ZID offers to store your data.

NetHome

ZID provides a personal storage space for every user that is reachable with CIFS/SMB. The default size of that storage is 10 GB but it can be expanded to 50 GB by writing a ticket. On GNU/Linux systems you can mount that share with the following command.

```
smbclient //nethome.uibk.ac.at/c123456 -U c123456 -W UIBK
```

This storage does support the "previous versions" features so it's possible to recall old versions of your files. Sadly there is no Free Software with that functionality at the moment so the restore has to be done on a Windows System. If you want to help implementing that feature you may want to check out libvshadow.

Your shares are also reachable from outside of the University Network using FTP

```
sftp://netsftp.uibk.ac.at/nethome
```

Unix Home

User accounts that are "unix enabled" have an additional home directory that is available when they log into a ZID-Managed Unix host. (e.g. `zid-gpl.uibk.ac.at`) Default quota is 10 GB.

Scratch

On Unix hosts there is also a folder mounted under `/scratch`. You should have write permissions in `/scratch/c703/c703xxxx/`.

NetShare

Every unit of organization has a shared storage to collaborate in that unit. The default size limit is 50 GB. Ours can be found at

```
smb://netshare.uibk.ac.at/share/c703/
```

BigShare

You can request a share for a project. Those shares are free up to 10 TB but may also be expanded further if needed. The contact at ZID is Reinhard Bischof.

Our department has multiple volumes on the main storage system of the University. Our admins have access to the usage statistics of those volumes.

Archive

For long-time archival of large amounts of data ZID offers a tape storage solution (slow but huge).

1. Register the Service "FABS" via the user registration form.
2. login via ssh at fabs.uibk.ac.at
3. copy your files with SCP to your folder - /hsmroot/hsm/home/c703/c703xxxx/

Your storage limit should be 2000 Files (independent of the size).

Backup

If you can't save your data at any of the mentioned solutions you should configure Tivoli Storage Manager Backup on your system.

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