Load Dataheap data to Cropdiversity

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Why not directly mount to Cropdiversity

No permission for mount command…

But can scp from Toby…

So: let's mount Dataheap on Toby and use scp to get useful files onto CropDiversity, when we need to work on the data

Mount Dataheap on Toby

```
mkdir A_DIRECTORY_WHERE_YOU_WANT_DATAHEAP_TO_BE_MONTED
```

- I made one at /home/zchen/dataheap on Toby

```
sudo mount -t cifs //resource/dataheap /home/zchen/dataheap -o username=USER@rbge.org.uk,password=RBGE_PASSWORD,uid=$(id -u),gid=$(id -g)
```

ALL SET!

SCP dataheap files from Toby to Cropdiversity

Make a directory for your project on :/mnt/shared/projects/rbge/

E.G.

scp -r
/home/zchen/dataheap/projects/Begonia_capture_2025/sequence_captus_analysis.xlsx
zchen@gruffalo.cropdiversity.ac.uk:/home/zchen/projects/rbge/zchen

TEMPLATE:

scp -r /home/USER/PATH_TO_DIRECTORY/FILE
USER@gruffalo.cropdiversity.ac.uk:/home/USER/PATH_TO_TARGET_DIRECTORY/FILE

Can we ask the admin to mount?

- If the admin can mount Dataheap on /mnt/shared for everyone, then we can have direct access to Dataheap from Cropdiversity

- BUT this is up to people maintaining Cropdiversity

- REPLY FROM IT Service:

  'CropDiversity is an external resource that is not part of the RBGE managed services.

  'We literally have nothing to do with this system.

  'Since it is not part of the RBGE infrastructure and outside our network it cannot be connected directly to our systems for any data transfer.'