

COMPUTEROME 2.0

USERS WORKSHOP

CENTER FOR HEALTH DATA SCIENCE (HEADS)
FACULTY OF HEALTH AND MEDICAL SCIENCES,
UNIVERSITY OF COPENHAGEN, FEBRUARY, 2021

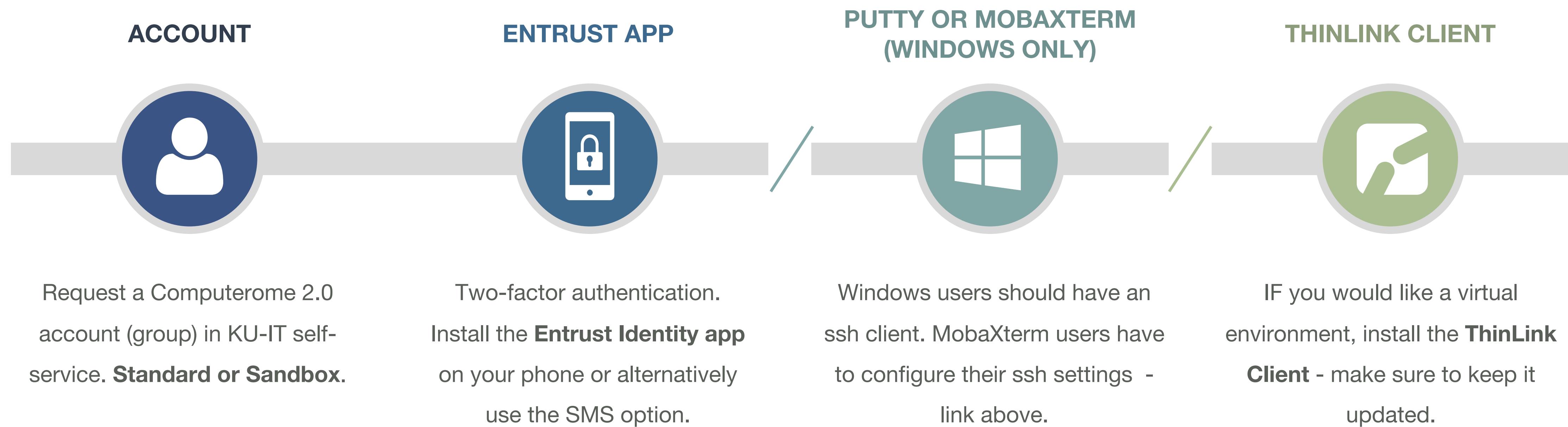


PART 2

THE BAS.  S

BEFORE LOG IN TO COMPUTEROME 2.0

GETTING STARTED: [Getting Started - new users - Computerome 2.0 Wiki](#)



LOG IN TO COMPUTEROME 2.0

Troubleshooting:

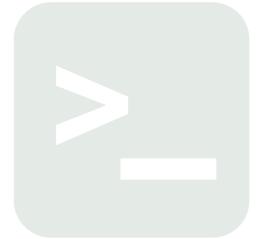
- Make sure it is the latest version of Thinlinc
- Check it has not been autofilled for you
- Unplug your external screen

LOG IN WITH THINLINC

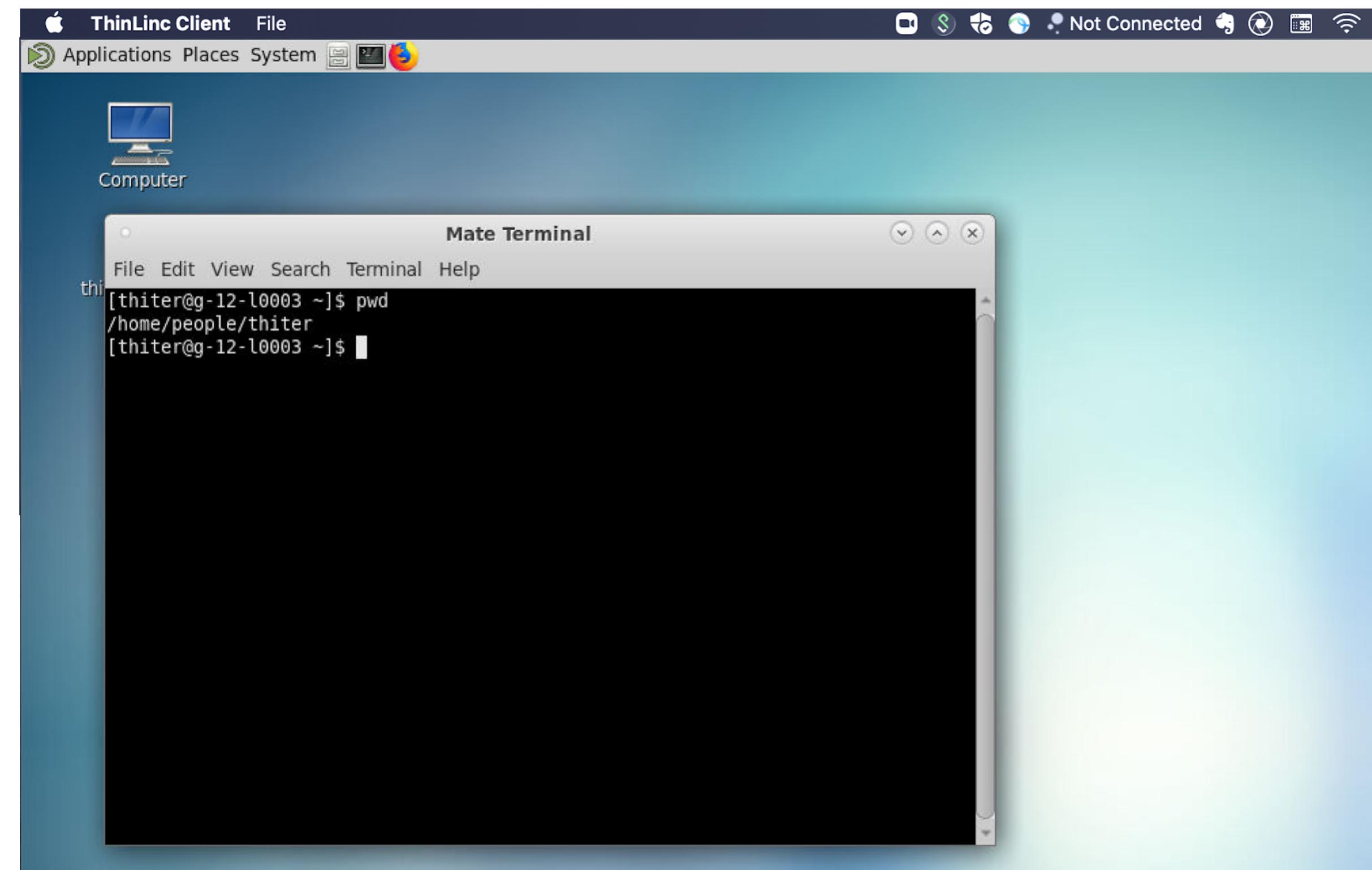


- Download and install the **ThinLinc Client**
- Open and enter your **Username + Password**
- It may take a couple of minutes to connect
- Enter the token from the **Identity App** (or confirm)
- Click your way around or open a terminal
- Exit a full screen - press the F8 key

LOG IN WITH SSH



- Open a terminal
- ssh username@ssh.computerome.dk
- Enter your password
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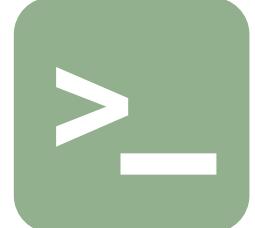
```
Last login: Mon Jan  4 15:31:24 on ttys000
[kgx936@SUN1007442 ~ % ssh thiter@ssh.computerome.dk
#####
#                                     #
#           Welcome to Computerome 2.0      #
#                                     #
#           NOTICE !!!                      #
#           This system requires 2-factor authentication   #
#                                     #
#           To login, type your password and press Enter.  #
#           This sends either an SMS passcode to your mobile  #
#           or a push-notification to Entrust IdentityGuard app.  #
#           If the push-notification times out, a new prompt line  #
#           asks for the 8 digit security code shown in the app.  #
#                                     #
#           BY LOGGING INTO THIS SYSTEM YOU ACCEPT          #
#           COMPUTEROME'S TERMS AND CONDITIONS OF USE.    #
#                                     #
#           Send support requests to computerome@dtu.dk     #
#                                     #
#####
[Password:
Last login: Mon Jan  4 13:47:55 2021 from 2.111.76.128
[[thiter@g-12-10002 ~]$ pwd
/home/people/thiter
[thiter@g-12-10002 ~]$ ]
```

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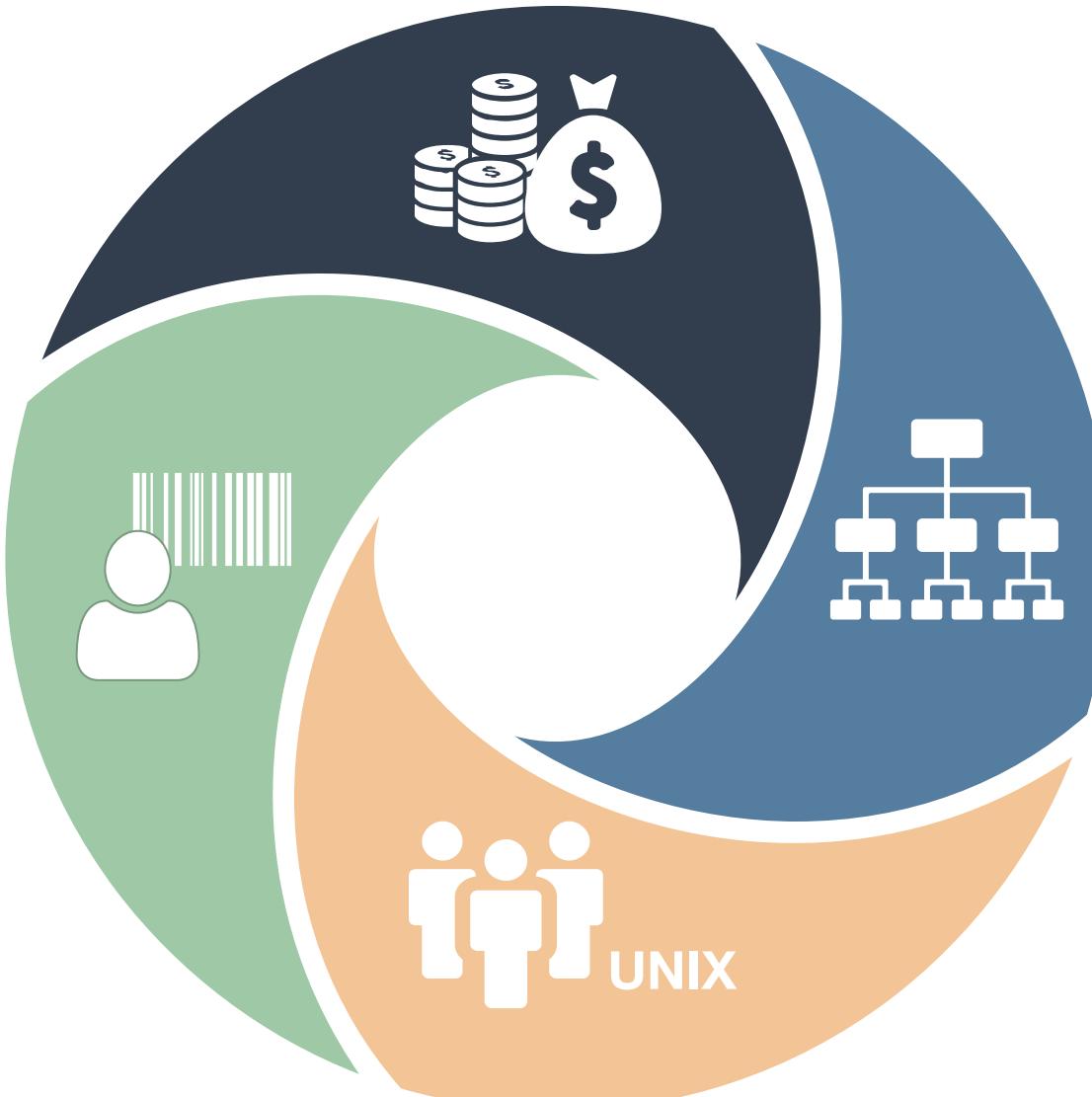


If you type your password wrong too many times, you will get logged out.

YOUR PROJECT AND GROUP

PROJECT

<project> usually refers to the projects funding.



USERNAME

<username> Your unique user ID. Can be connected to multiple projects and groups.

PROJECT NAME

<project_name> is the name given by the C2 team. Almost exclusively the same as <project>.

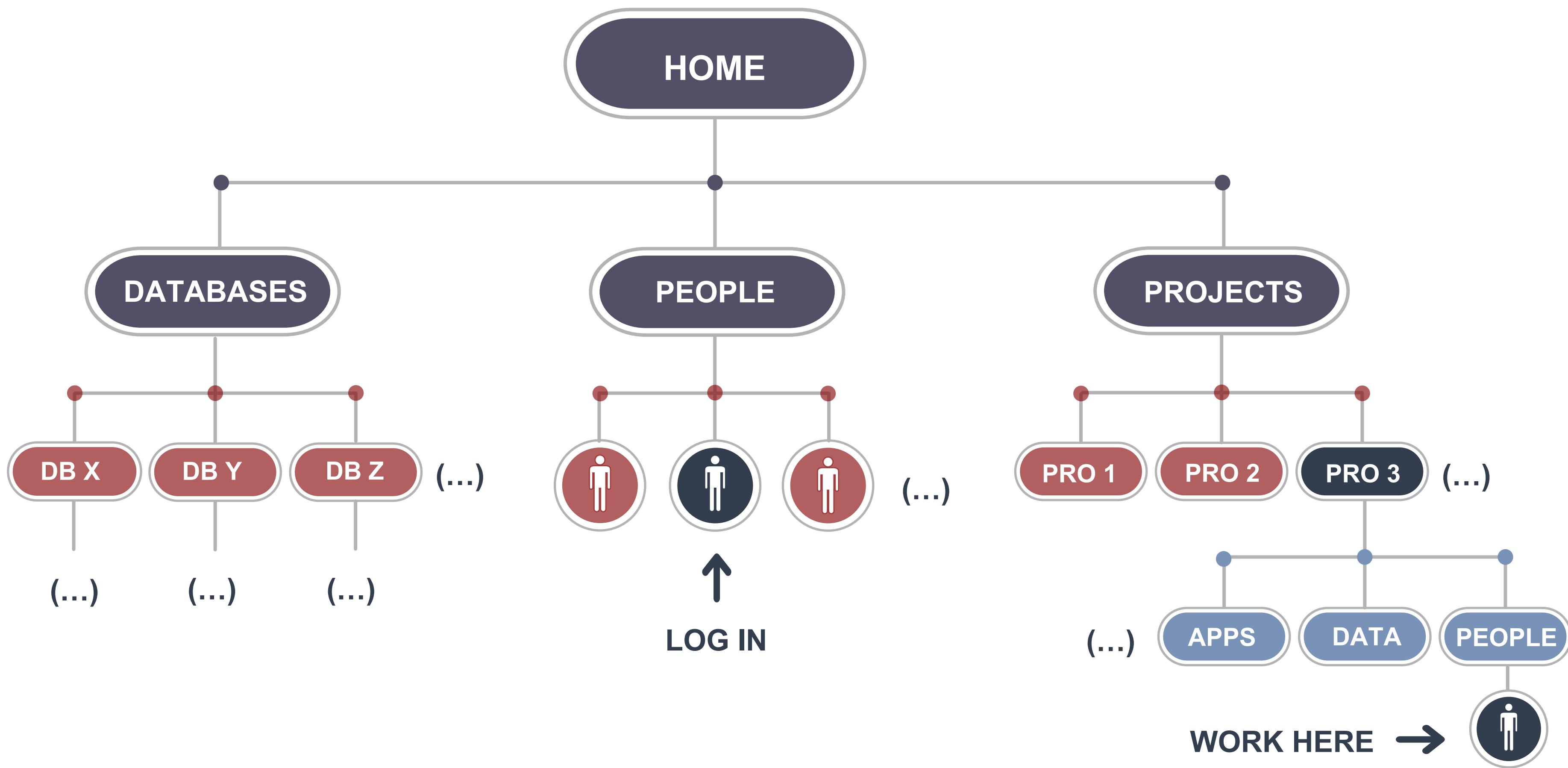
GROUP NAME

<group_name> ID assigned by DTU. Refers to the UNIX group, e.g. the projects/users access to resources. Often the same as <project_name>.

Type in <id> to get this information

```
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#           NOTICE !!!
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#
#           Send support requests to computerome@dtu.dk
#
#####
[Password:
Last login: Wed Jan  6 13:04:54 2021 from 2.111.76.128
[[thiter@g-12-10002 ~]$ id
uid=113800351(thiter) gid=113800351(thiter) groups=113800351(thiter),113800352(ku_00033)
[thiter@g-12-10002 ~]$ ]
```

C2 SANDBOX STRUCTURE

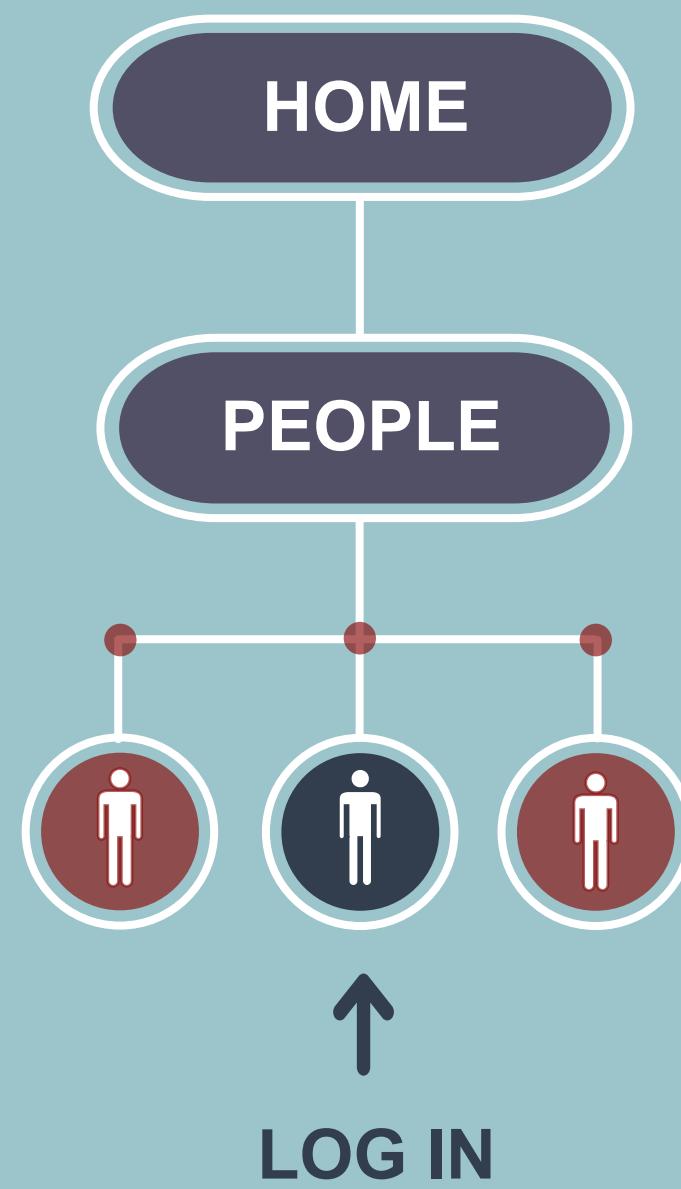


C2 SANDBOX STRUCTURE

1

/home/people/username

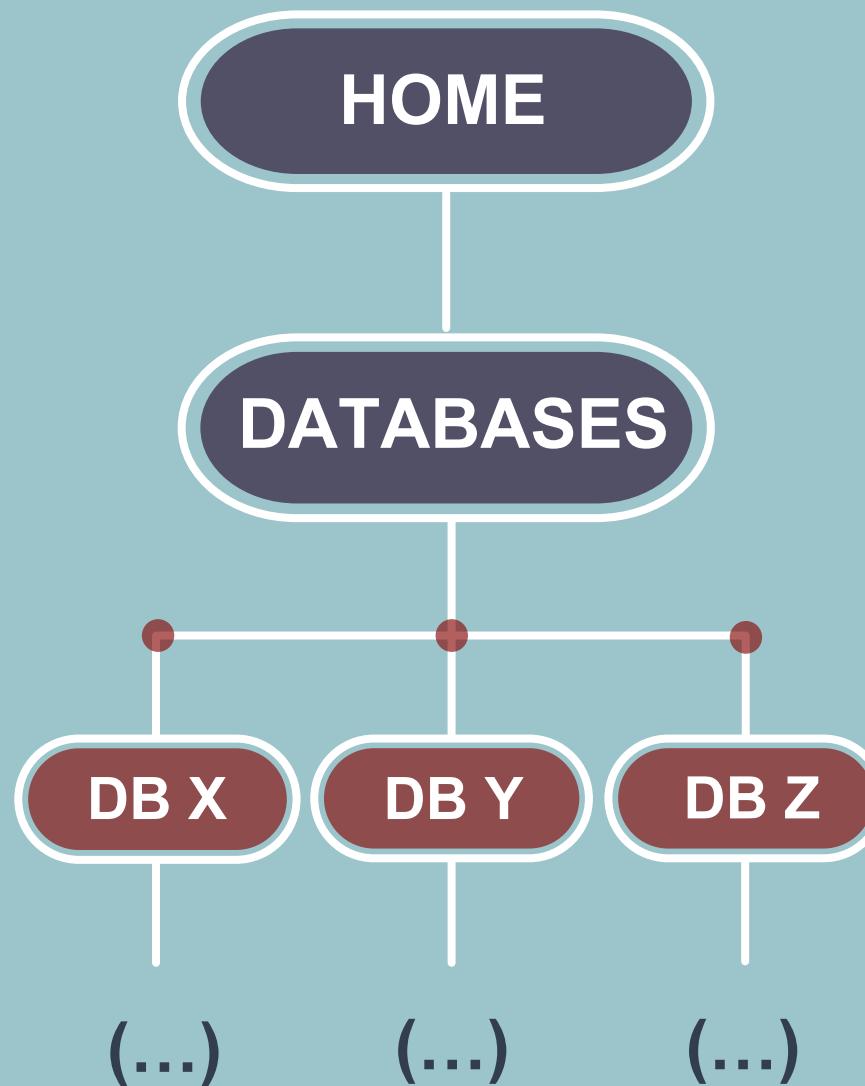
- Your private directory.
- This space is meant for configuration files.
- Do NOT store data here (max 10G)



2

/home/databases

- Shared database resource
- Databases include:
 - Human genomes
 - Blast
 - TCGA / GTEx
 - dbSNP
 - ClinVar / COSMIC
 - ...

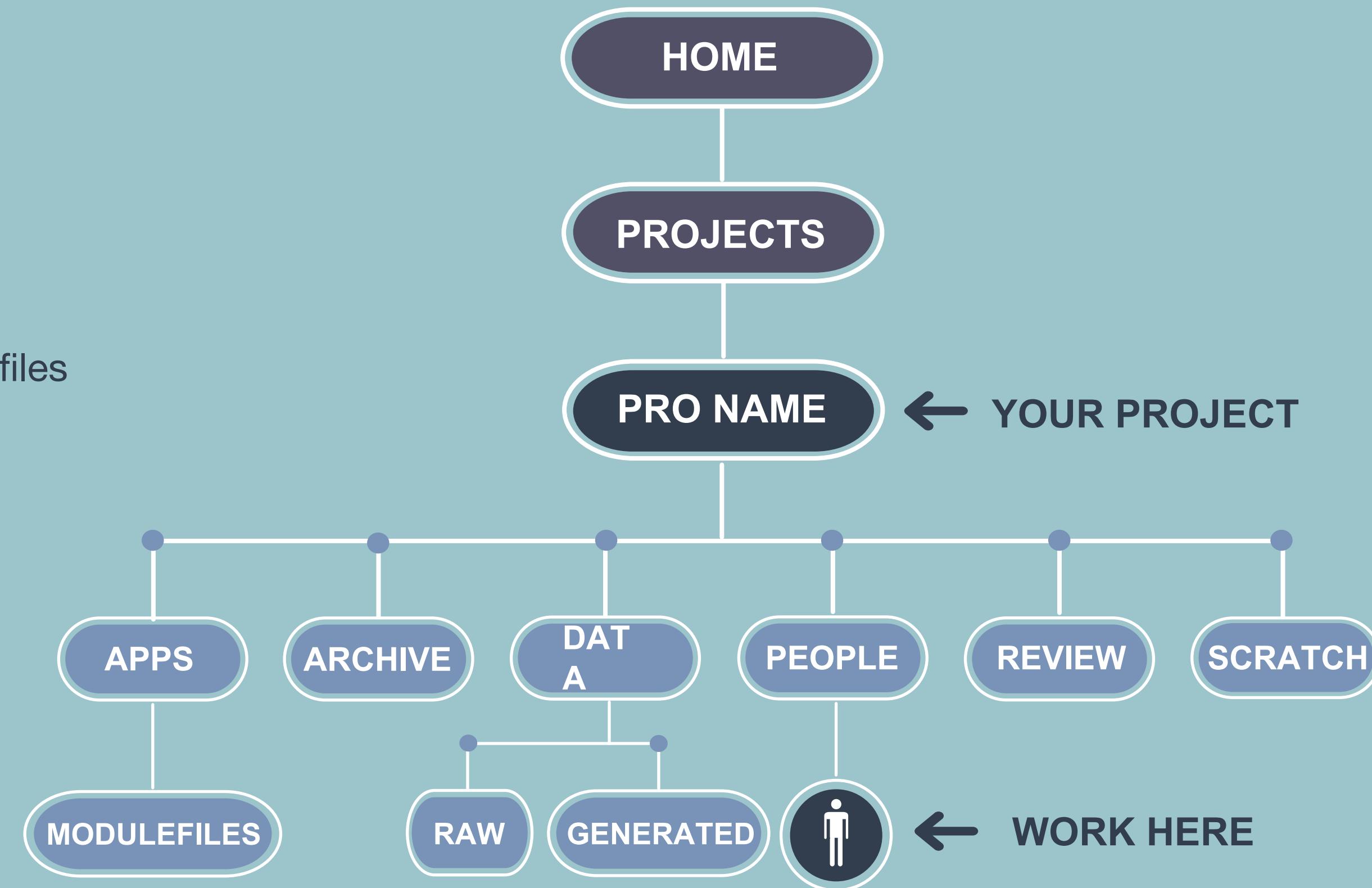


C2 SANDBOX STRUCTURE

3

/home/projects/project

- Your project directory.
- `./apps` : project specific applications & modulefiles
- `./archive`: dataproject specific data
- `./scratch`: temporary & re-creatable data N.B will not be backed up!
- `./review` used for peer-review.



GOOD TO KNOW

COMPUTEROME 2.0 WIKI - FIND EVERYTHING HERE

<https://www.computerome.dk/>

VIDEO TUTORIALS - HELPFUL TO WINDOWS USERS

<https://www.computerome.dk/display/C2W/Video+Tutorials>

BRUSH UP ON YOUR UNIX SKILLS

https://www.computerome.dk/display/C2W/Getting+Started+-+new+users?preview=/42205237/42205239/Hackinars_in_Computerome-wiki.pdf

CHECK YOUR USAGE ON C2

module load tools usage_script/2.0
usage -u username

GETTING HELP

Write to computerome@dtu.dk

- Subject description
- System, e.g. Computerome main, sandbox, or <named> cloud system
- Login issues, ThinLinc vs SSH login, username & error message(s)
- Command line(s) used
- Describe the problem including error messages