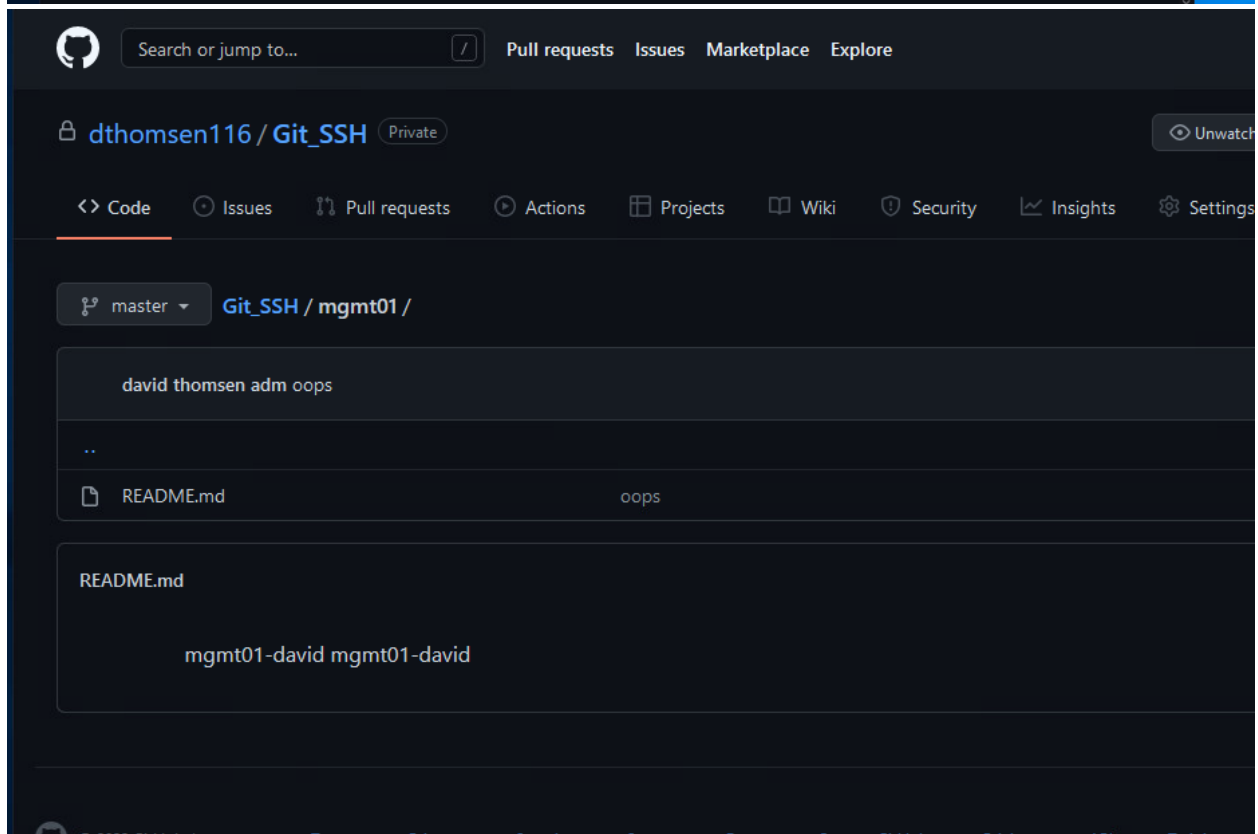
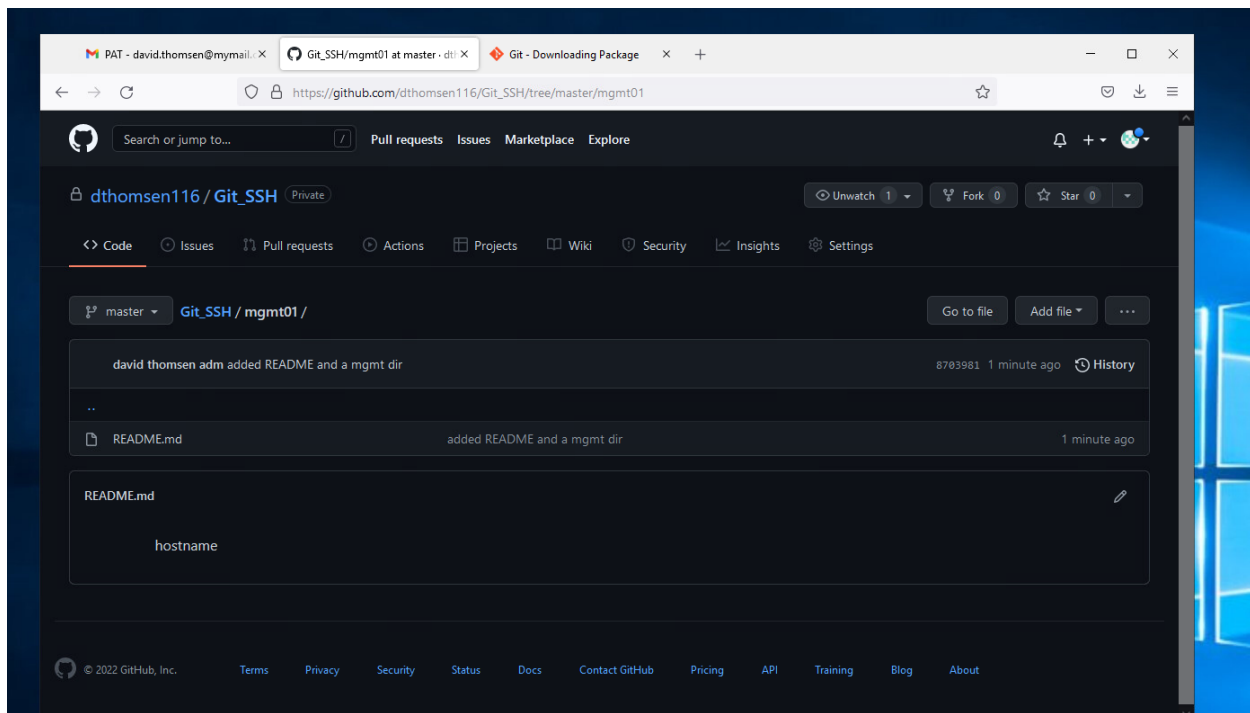


David Thomsen
SYS-265

The image shows a GitHub repository page for 'dthomsen116/Git_SSH' in a dark theme. The repository is on the 'master' branch and has 1 branch and 0 tags. A commit by 'dthomsen116' is shown, adding 'README.md', 'docker-compose.yml', and 'docker.txt' 11 minutes ago. The commit message is 'added a README as well as the other files'. The repository has 0 stars, 1 watching, and 0 forks. The 'About' section shows 'Testing out Git and GitHub'. The 'Releases' section shows 'No releases published' with a link to 'Create a new release'. The 'Packages' section shows 'No packages published' with a link to 'Publish your first package'.

```
root@docker01-david:/home/david/Git_SSH# ls
docker-compose.yml  docker.txt  README.md
root@docker01-david:/home/david/Git_SSH# cat README.md
docker01 config
root@docker01-david:/home/david/Git_SSH# rm README.md
root@docker01-david:/home/david/Git_SSH# git checkout .
Updated 1 path from the index
root@docker01-david:/home/david/Git_SSH# cat README.md
docker01 config
root@docker01-david:/home/david/Git_SSH#
```




```


root@docker01-david:/home/david# ls
Git_SSH
root@docker01-david:/home/david# cd Git_SSH/
root@docker01-david:/home/david/Git_SSH# git status
On branch master
Your branch is up to date with 'origin/master'.


nothing to commit, working tree clean
root@docker01-david:/home/david/Git_SSH# git pull
Username for 'https://github.com': dthomsen116
Password for 'https://dthomsen116@github.com':
remote: Enumerating objects: 29, done.
remote: Counting objects: 100% (29/29), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 28 (delta 7), reused 20 (delta 5), pack-reused 0
Unpacking objects: 100% (28/28), 2.78 KiB | 259.00 KiB/s, done.
From https://github.com/dthomsen116/Git_SSH
   f2157ca..4fbf024  master    -> origin/master
Updating f2157ca..4fbf024
Fast-forward
 mgmt01/README.md | 3 +++)
 1 file changed, 3 insertions(+)
 create mode 100644 mgmt01/README.md
root@docker01-david:/home/david/Git_SSH#


```

 dthomsen116 / Git_SSH Private

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 master ▾ [Git_SSH](#) / [linux](#) / [centos7](#) / [secure-ssh.sh](#)

 root added linux dir

 0 contributors

Executable File | 7 lines (6 sloc) | 207 Bytes

```

1  #secure-ssh.sh
2  #author dthomsen116
3  #creates a new user using $1 parameter
4  #adds a public key from a local repo or curled from the remote repo
5  #removes roots ability to ssh in
6  echo "ALL YOUR CODE GOES HERE"
7

```



Search or jump to...



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master ▾

Git_SSH / linux / **public-keys** /

root pubkey

..



id_rsa.pub

pubkey

```

[root@web01-david .ssh]# ssh test3@docker01-david
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-94-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Mon 21 Feb 2022 05:26:19 PM UTC

System load:  0.0          Users logged in:      1
Usage of /:   96.9% of 9.78GB IPv4 address for br-9bd16edf3d86: 172.18.0.1
Memory usage: 37%          IPv4 address for docker0:      172.17.0.1
Swap usage:   0%           IPv4 address for ens160:      10.0.5.12
Processes:   247

=> / is using 96.9% of 9.78GB

 * Super-optimized for small spaces - read how we shrank the memory
   footprint of MicroK8s to make it the smallest full K8s around.

https://ubuntu.com/blog/microk8s-memory-optimisation

54 updates can be applied immediately.
38 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

test3@docker01-david:~$ _

```

Deliverable 9. Cat the script syntax, show a test running of your script on docker01, and the passwordless ssh login from web01 (similar to the one above).

```

root@docker01-david:/home/david/Git_SSH/linux/centos7# cat secure-ssh.sh
#secure-ssh.sh
#author dthomsen116
#creates a new user using $1 parameter
#adds a public key from a local repo or curled from the remote repo
#removes roots ability to ssh in

sudo adduser $1
sudo mkdir /home/$1/.ssh
sudo cp /home/david/Git_SSH/linux/public-keys/id_rsa.pub /home/$1/.ssh/authorized_keys
sudo chmod 700 /home/$1/.ssh
sudo chmod 600 /home/$1/.ssh/authorized_keys
sudo chown -R $1:$1 /home/$1/.ssh
root@docker01-david:/home/david/Git_SSH/linux/centos7#

```

```

root@docker01-david:/home/david/Git_SSH/linux/centos7# sh secure-ssh.sh dudel
Adding user `dudel' ...
Adding new group `dudel' (1006) ...
Adding new user `dudel' (1006) with group `dudel' ...
Creating home directory `/home/dudel' ...
Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: No password supplied
Retype new password:
No password supplied
passwd: Authentication token manipulation error
passwd: password unchanged
Try again? [y/N]
Changing the user information for dudel
Enter the new value, or press ENTER for the default
    Full Name []:
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:

Is the information correct? [Y/n] root@docker01-david:/home/david/Git_SSH/linux/centos7#
Connection to docker01-david closed.
[roo@web01-david .ssh]# ssh dude1@docker01-david
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-94-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Mon 21 Feb 2022 05:32:00 PM UTC

System load:  0.24           Users logged in:           1
Usage of /:   97.0% of 9.78GB IPv4 address for br-9bd16edf3d86: 172.18.0.1
Memory usage: 38%           IPv4 address for docker0:   172.17.0.1
Swap usage:   0%            IPv4 address for ens160:    10.0.5.12
Processes:   246

=> / is using 97.0% of 9.78GB

 * Super-optimized for small spaces - read how we shrank the memory
   footprint of MicroK8s to make it the smallest full K8s around.

https://ubuntu.com/blog/microk8s-memory-optimisation

54 updates can be applied immediately.
38 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

dude1@docker01-david:~$ _

```

https://github.com/dthomsen116/Git_SSH/blob/master/linux/centos7/secure-ssh.sh

<https://github.com/dthomsen116/SYS-265/wiki/TJ5:-Git-and-SSH>

Worked on updating my Git so it is more informative and nicer looking. Sorry for the delay on the previous labs as well.