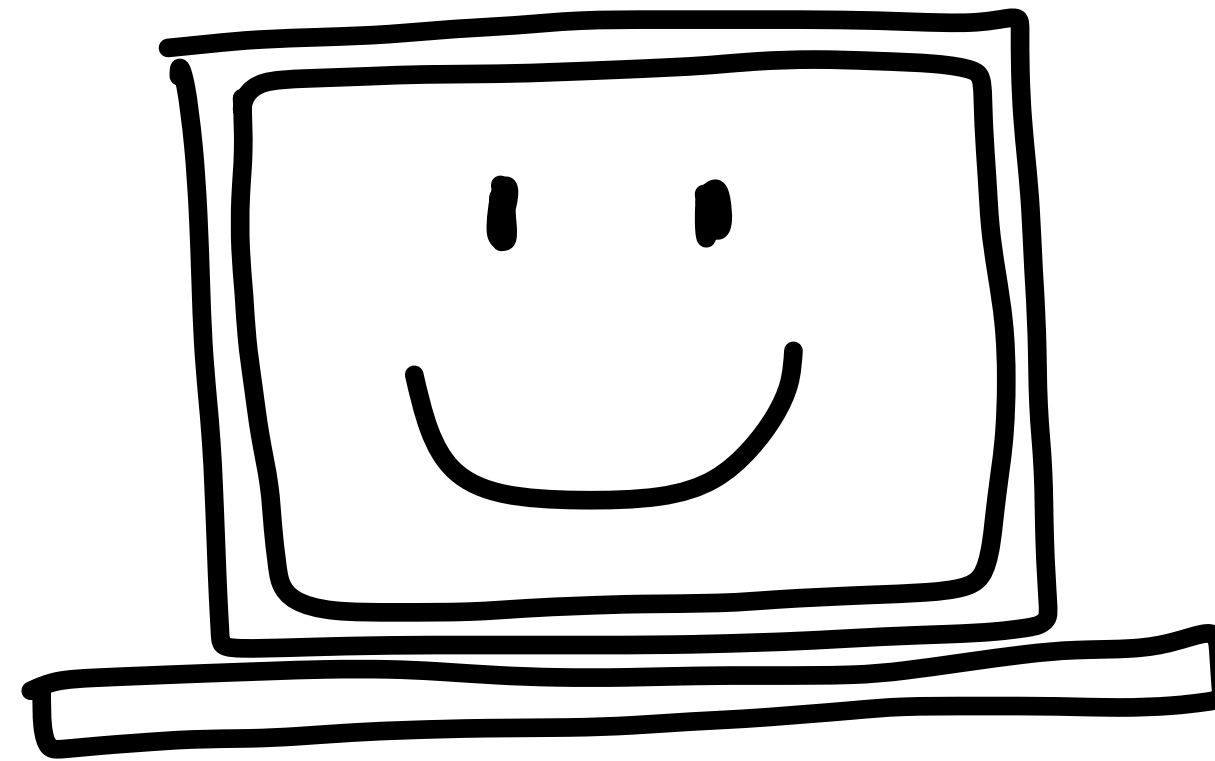




+



+

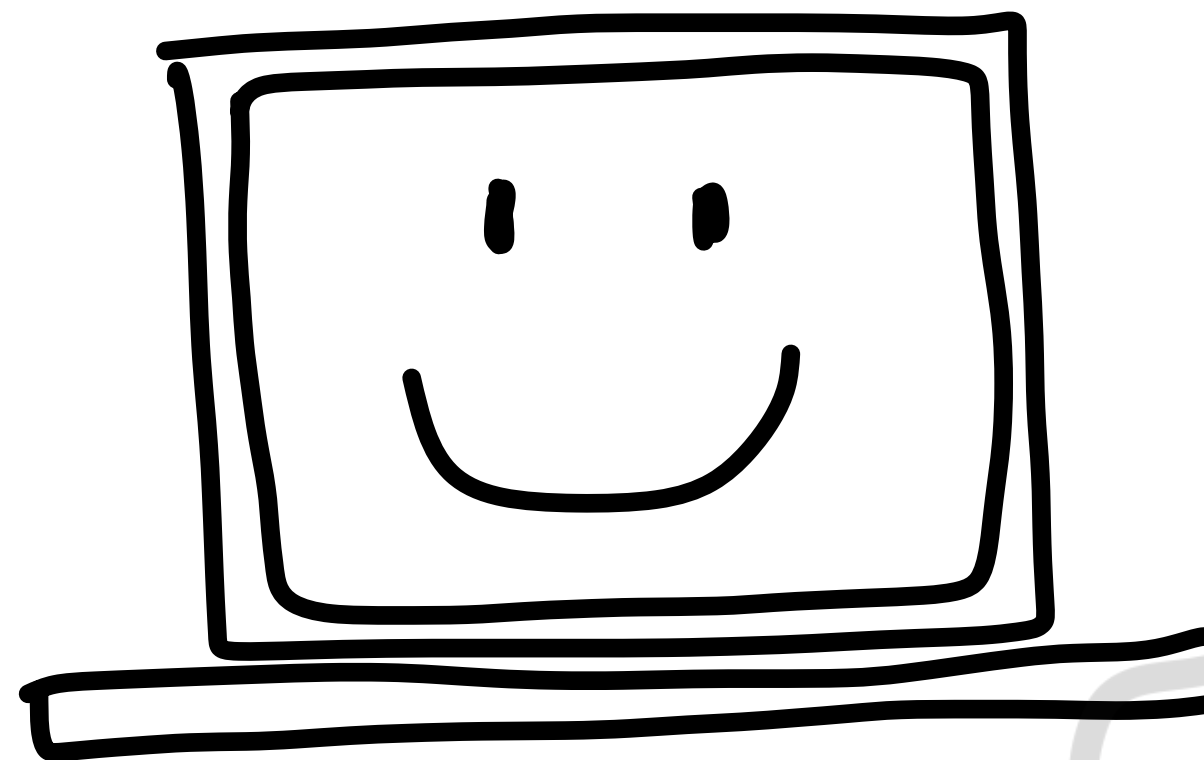
**me**



GitHub

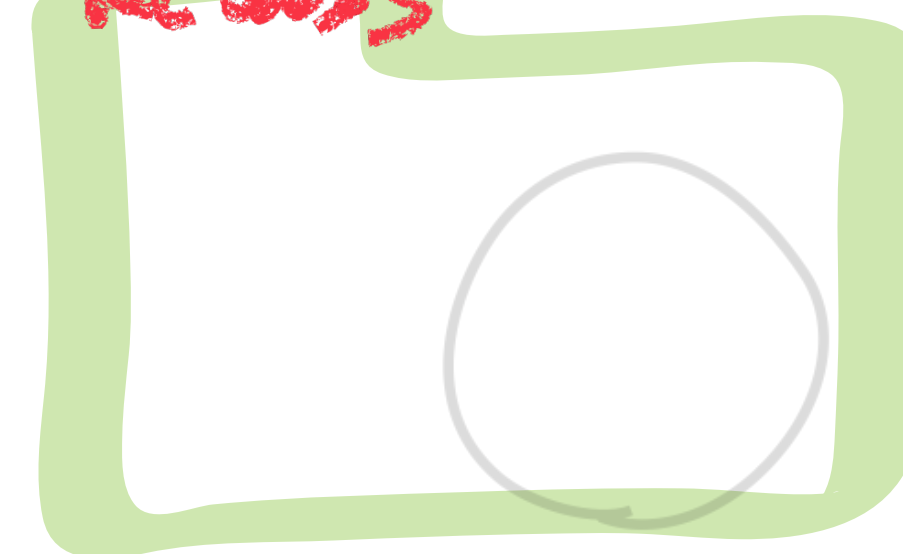


origin  
(remote)



Hard Drive

>USER>DOCUMENTS  
Rclass



>SYSTEM

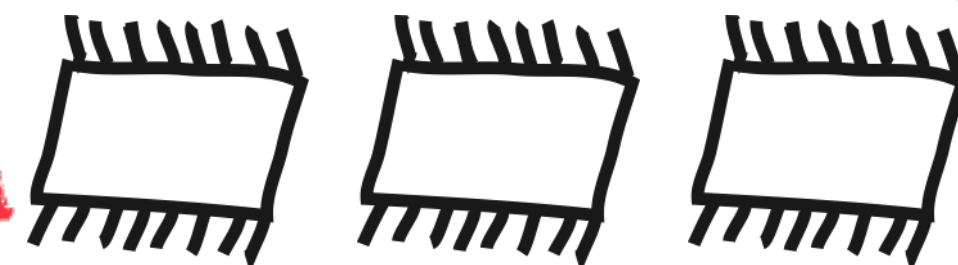


git



Not here!

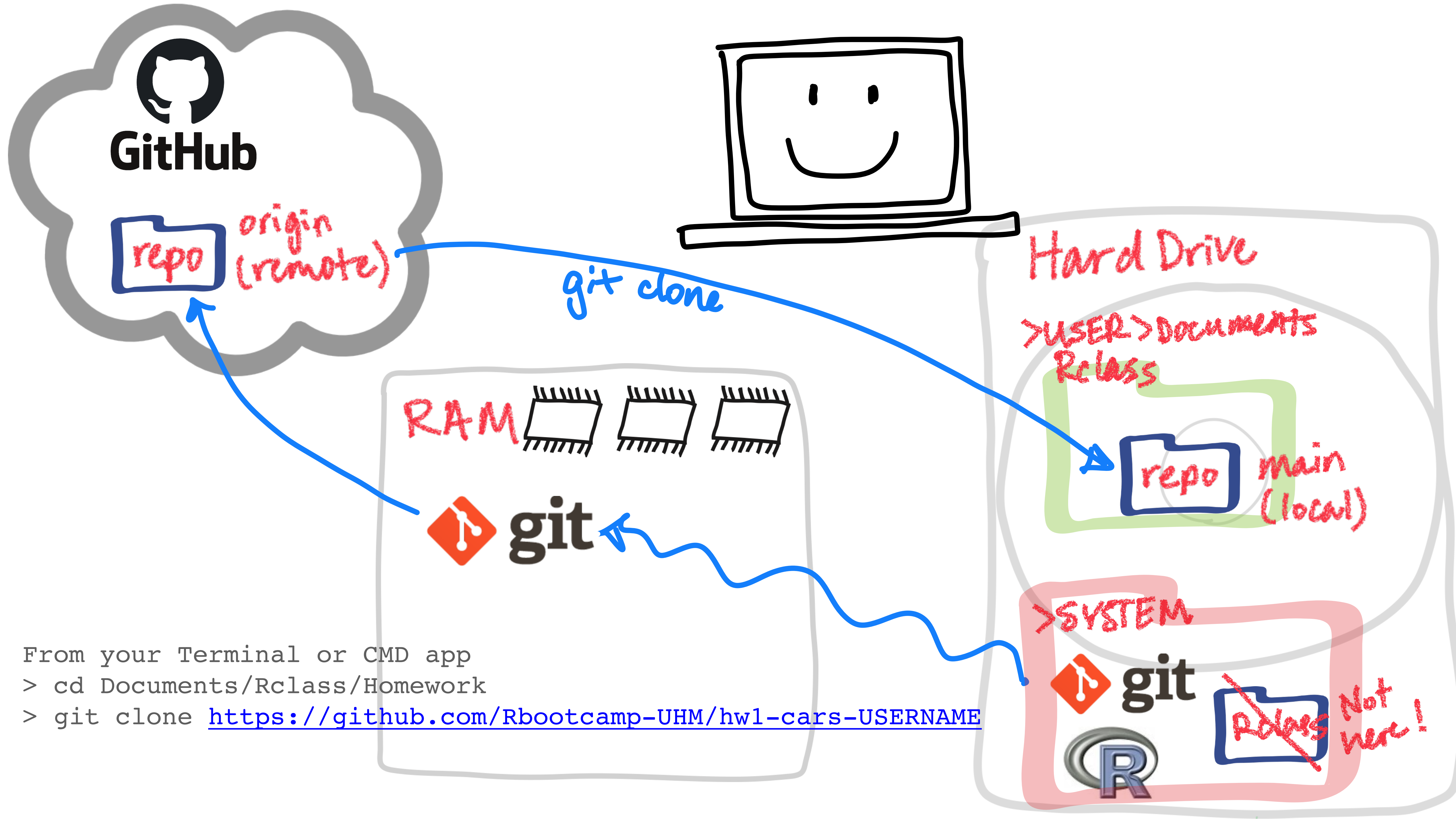
RAM



From your Terminal or CMD app

> cd Documents/Rclass/Homework

> git clone <https://github.com/Rbootcamp-UHM/hw1-cars-USERNAME>



  
**GitHub**

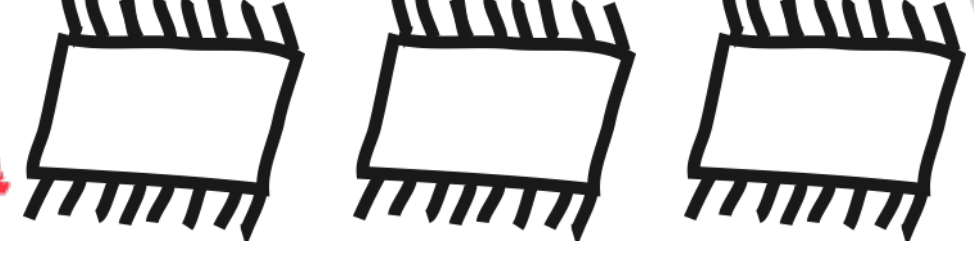
**repo** origin (remote)

git clone

Hard Drive

> USER > DOCUMENTS  
Rclass

**repo** main (local)

RAM 

 **git**

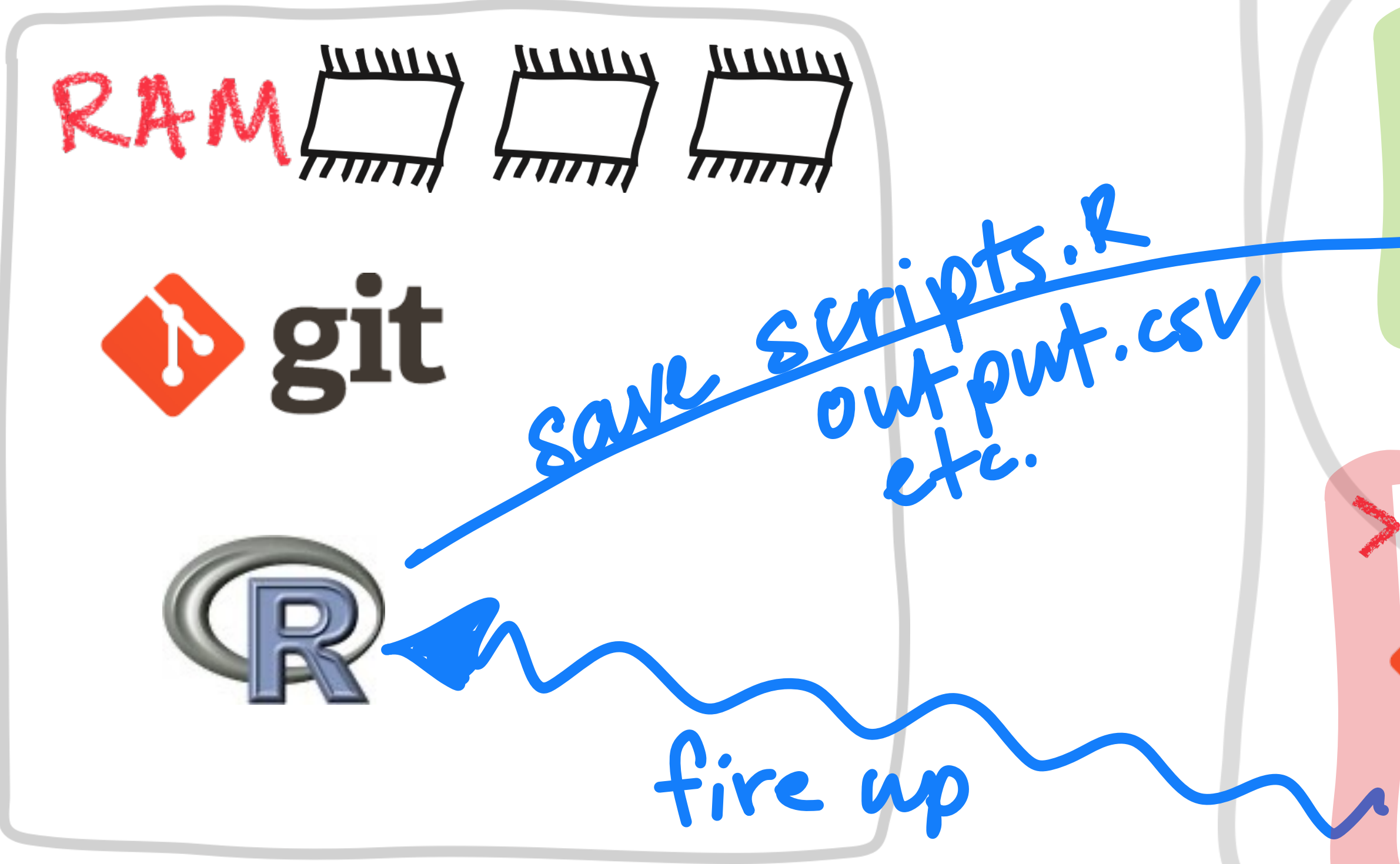
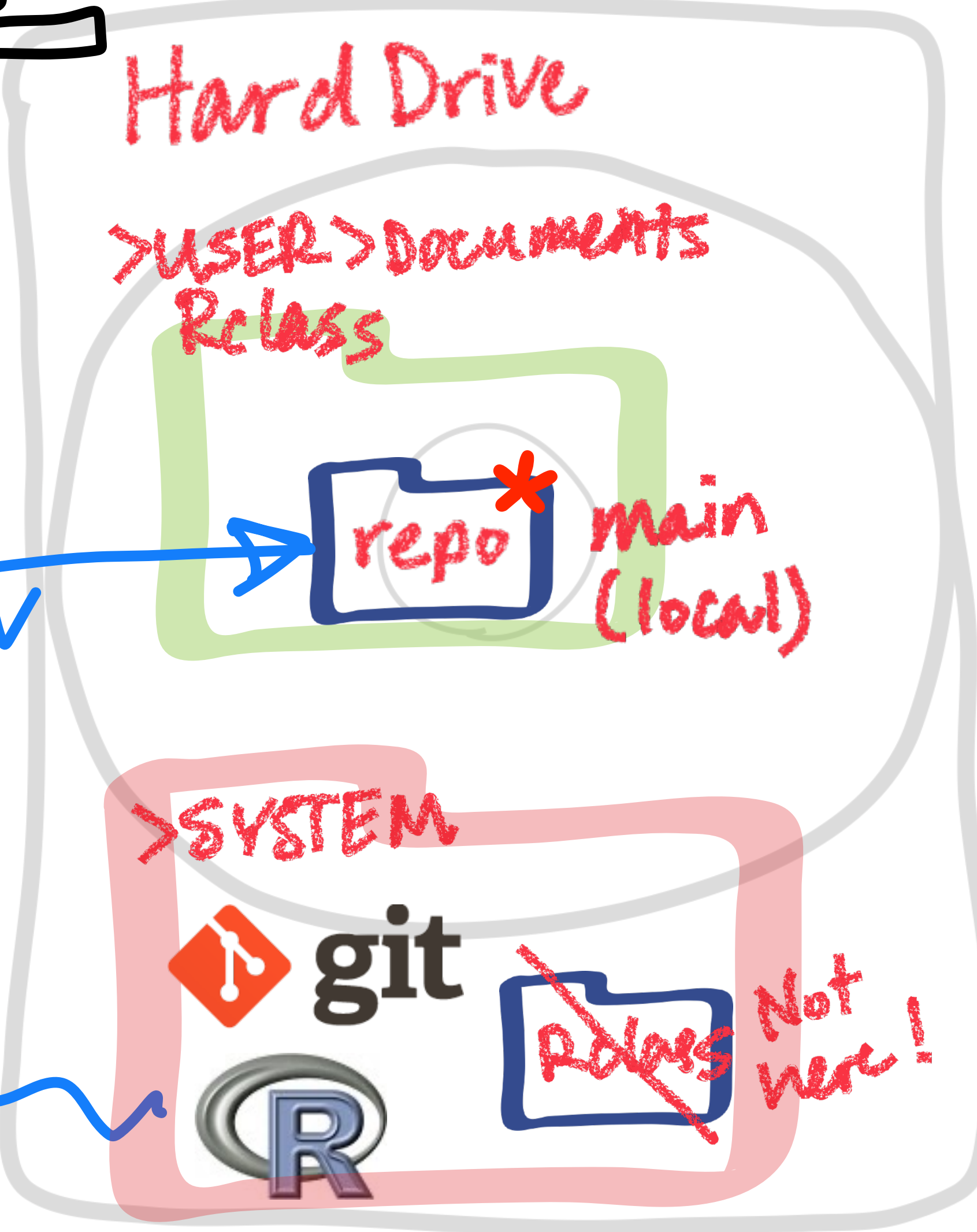
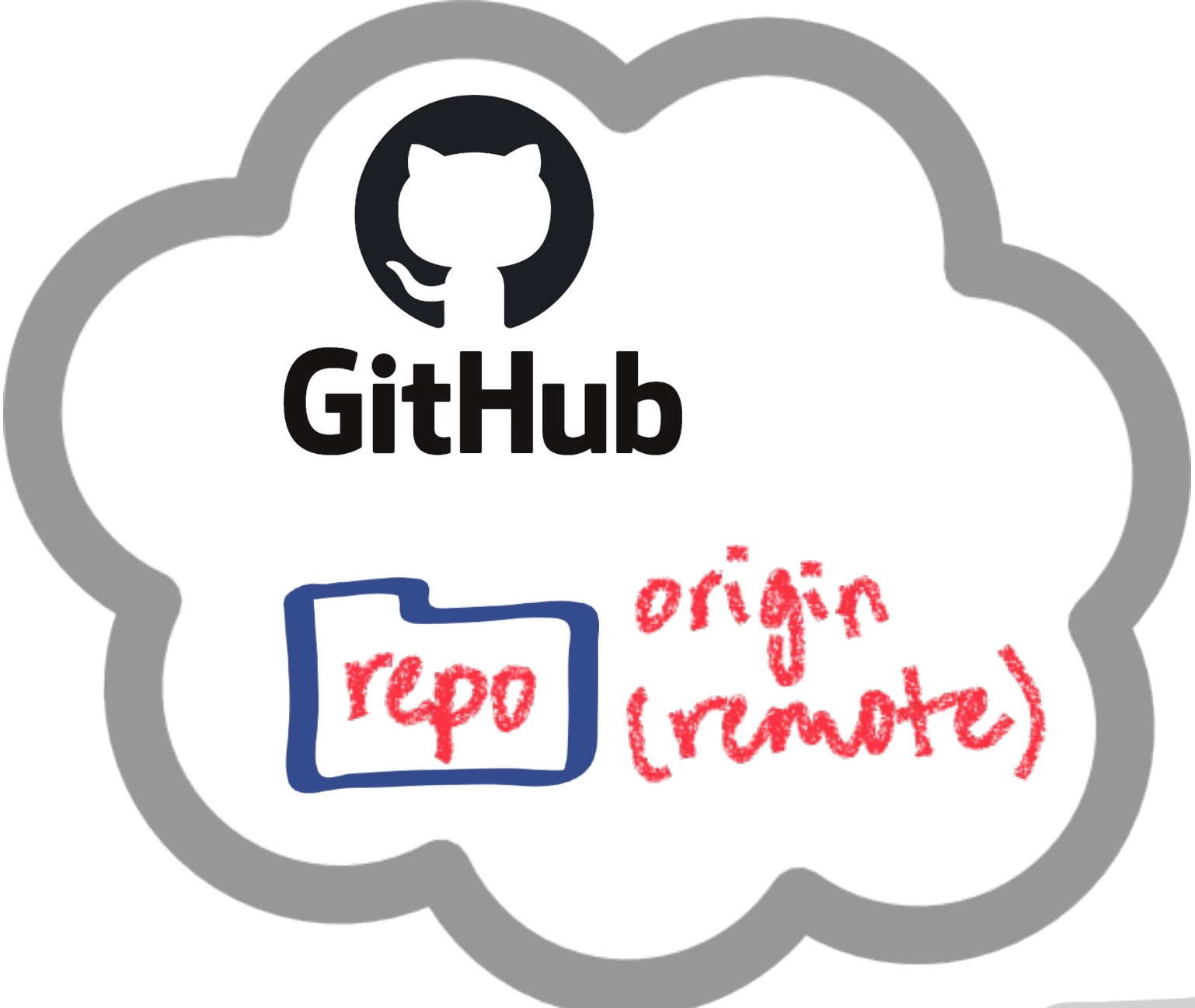
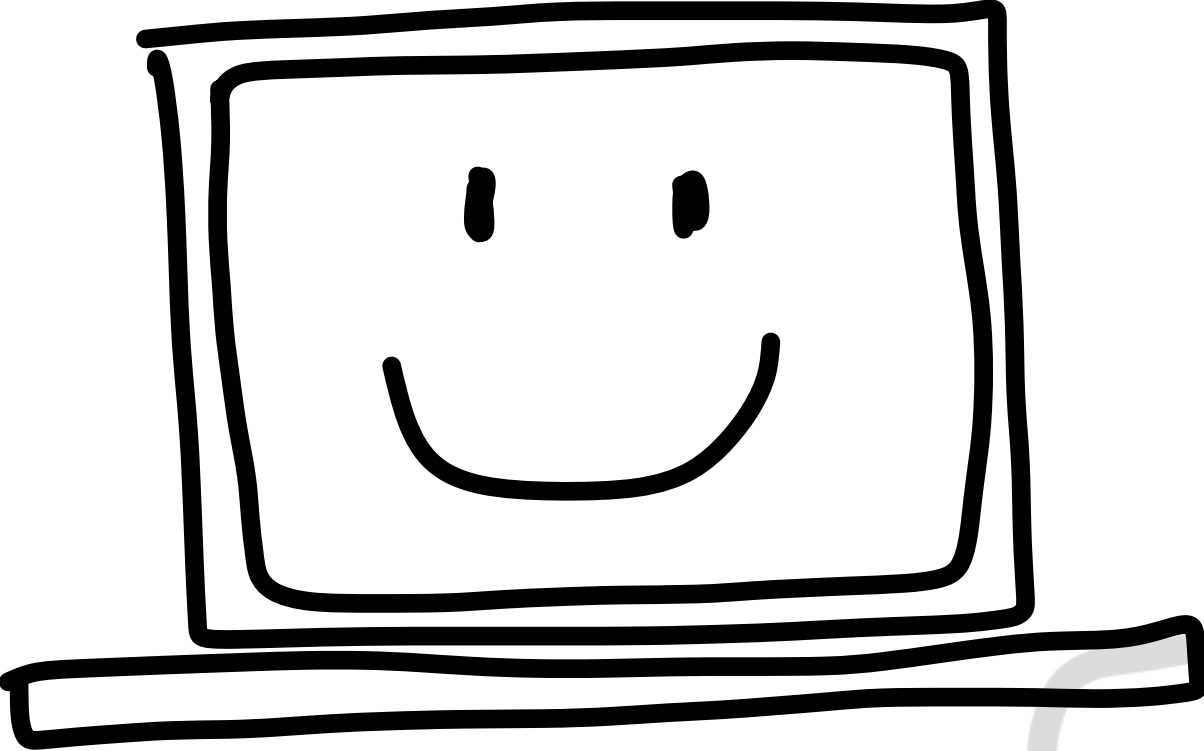
> SYSTEM

 **git**

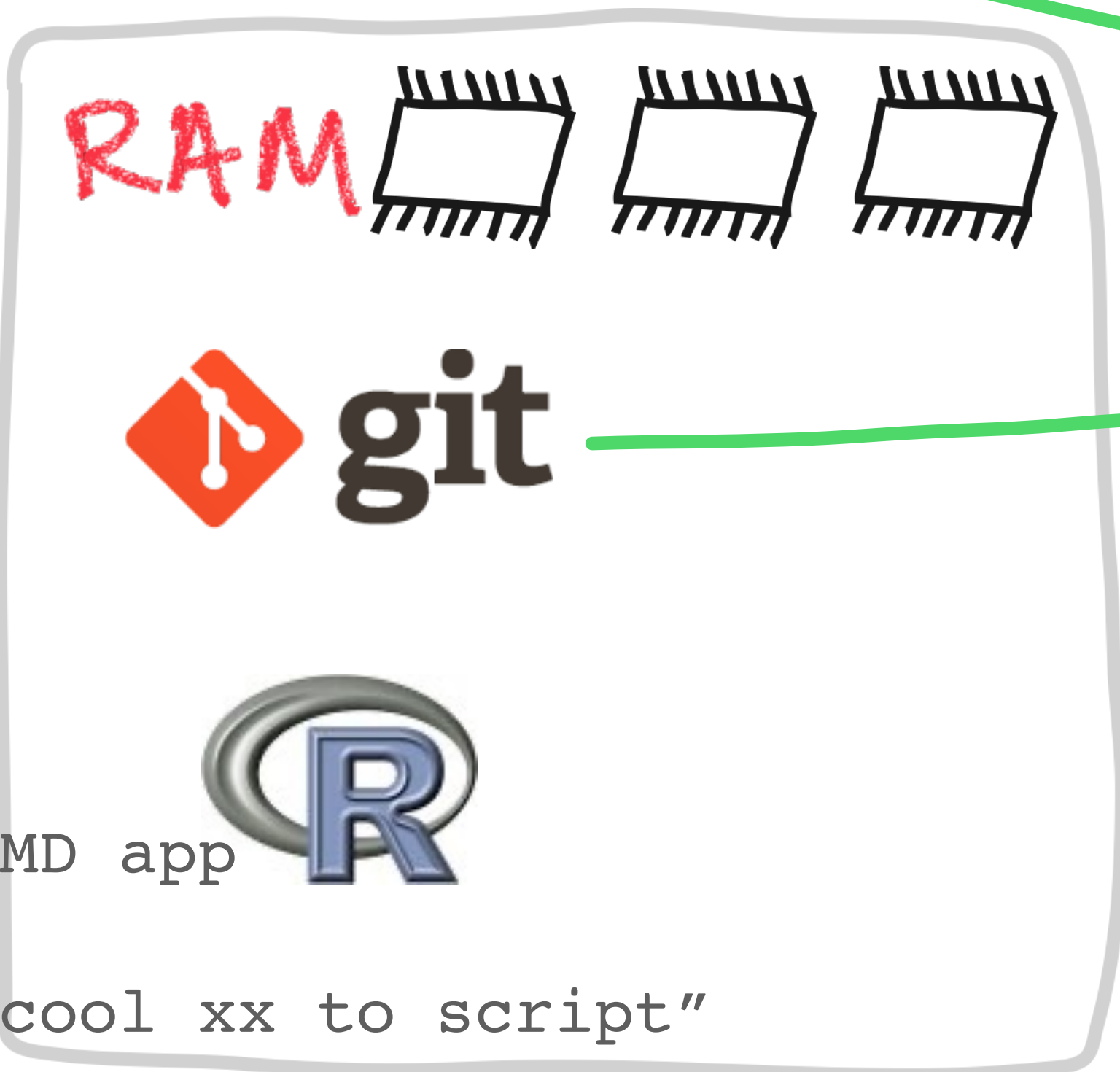
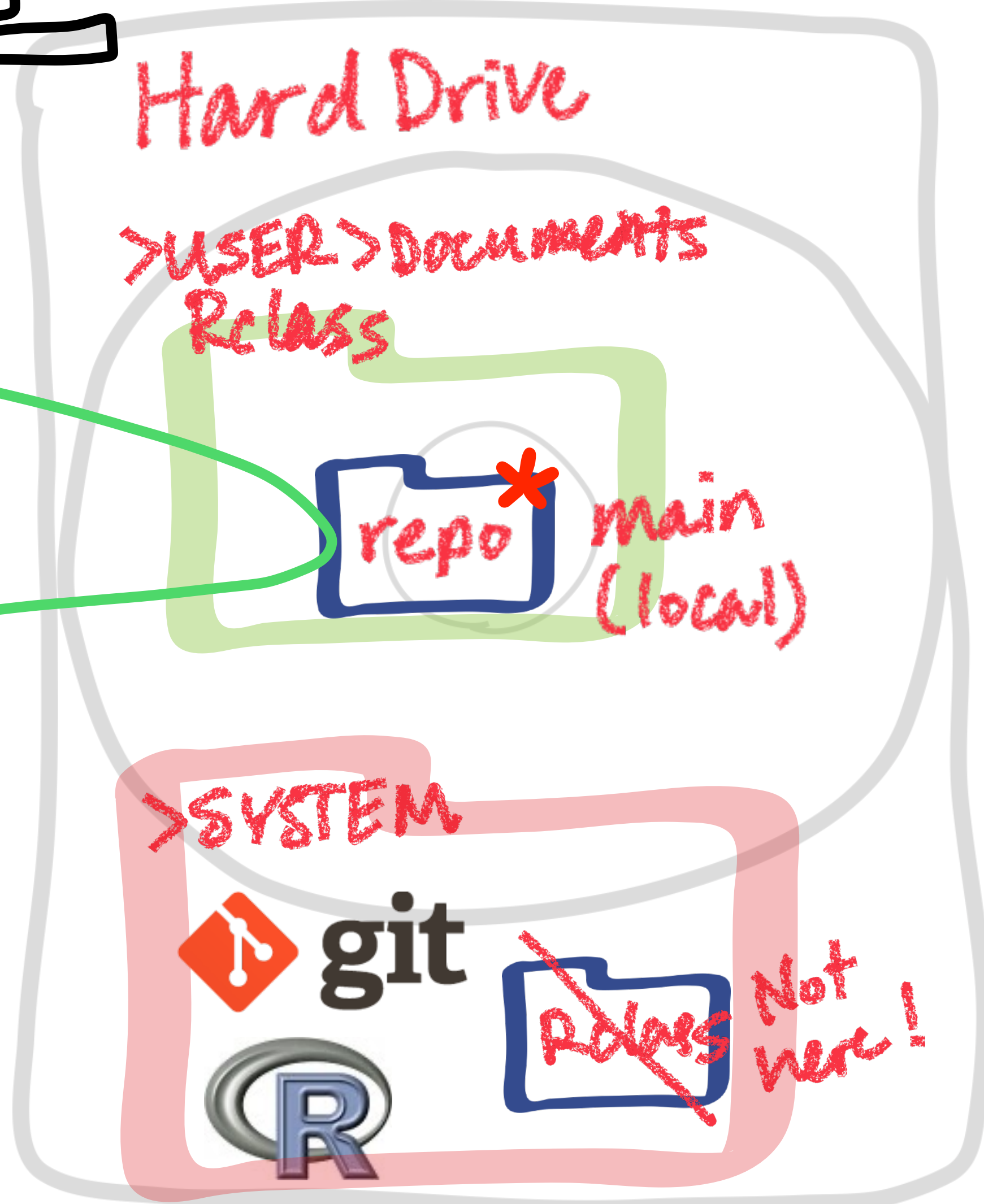
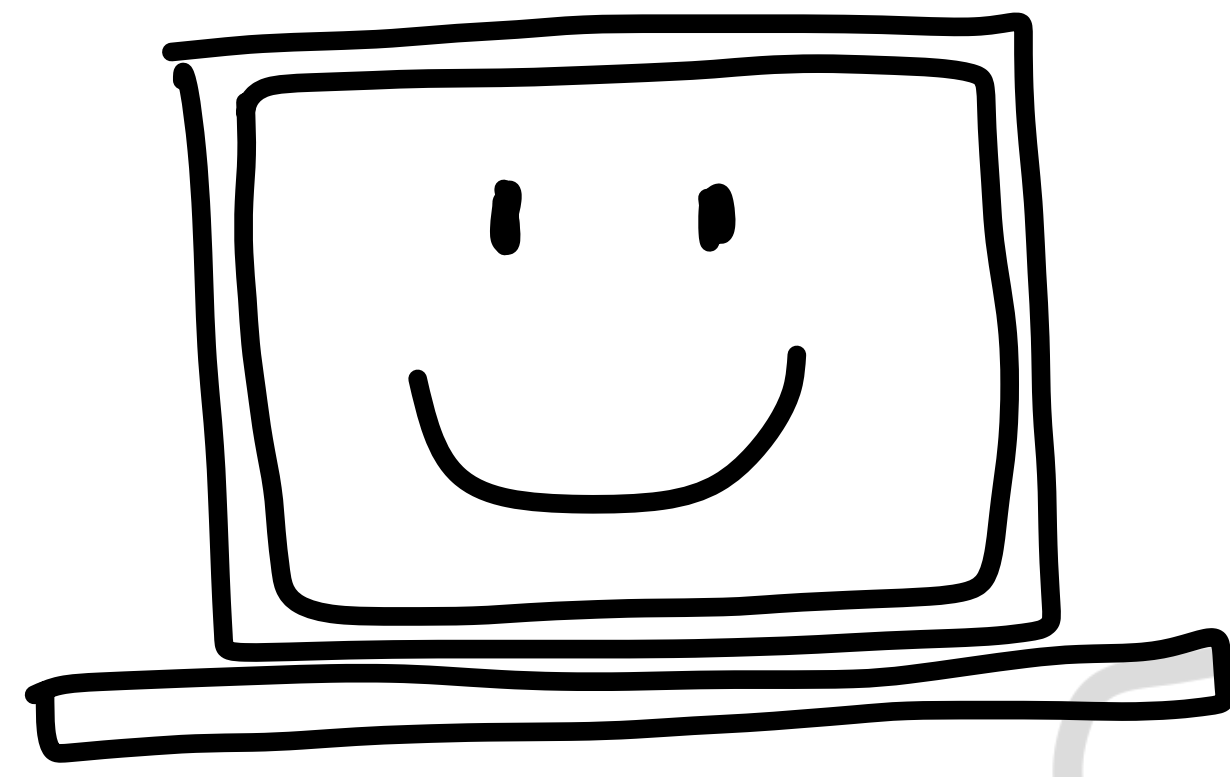
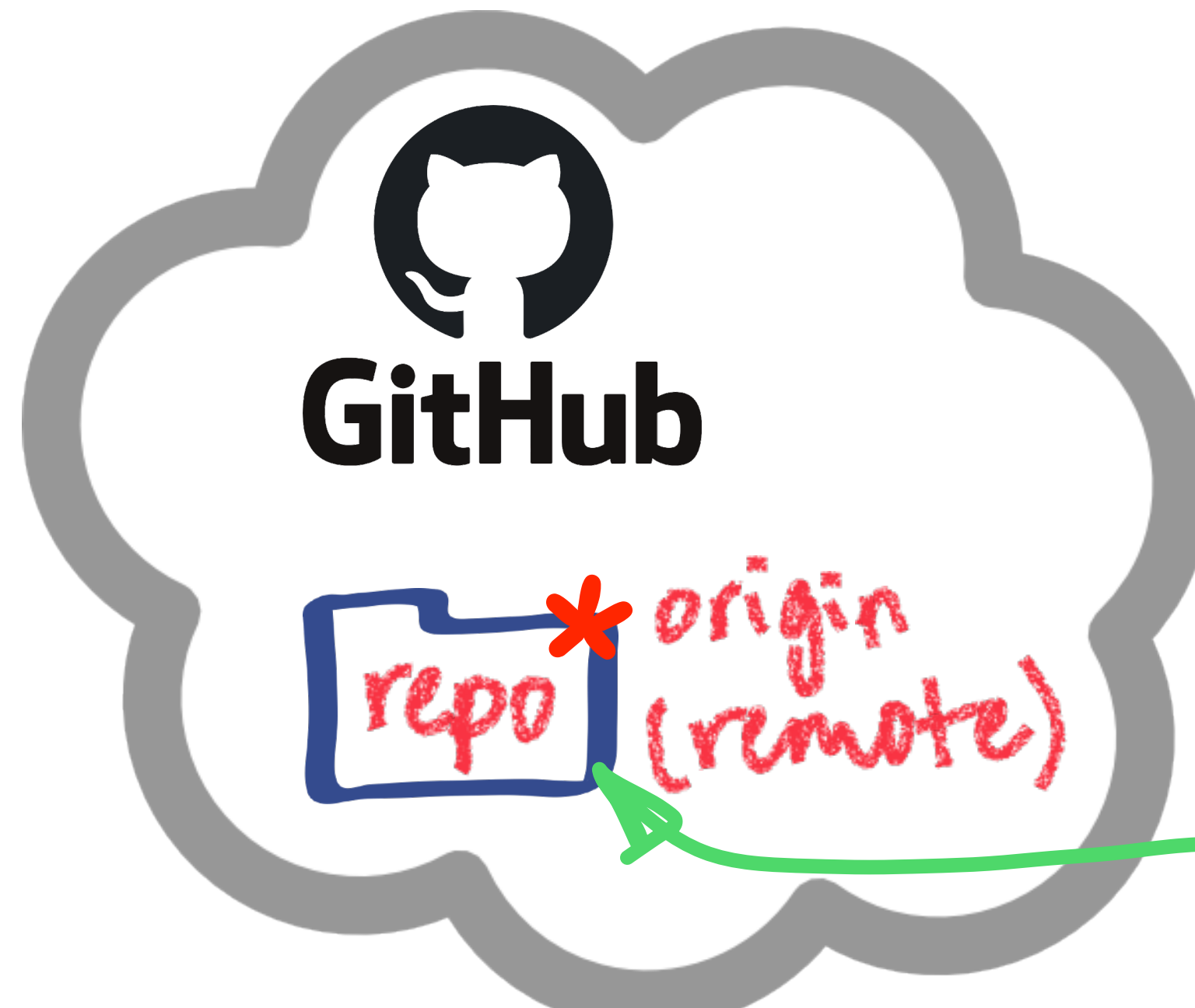


~~Rclass~~ Not here!

```
From your Terminal or CMD app  
> cd Documents/Rclass/Homework  
> git clone https://github.com/Rbootcamp-UHM/hw1-cars-USERNAME
```

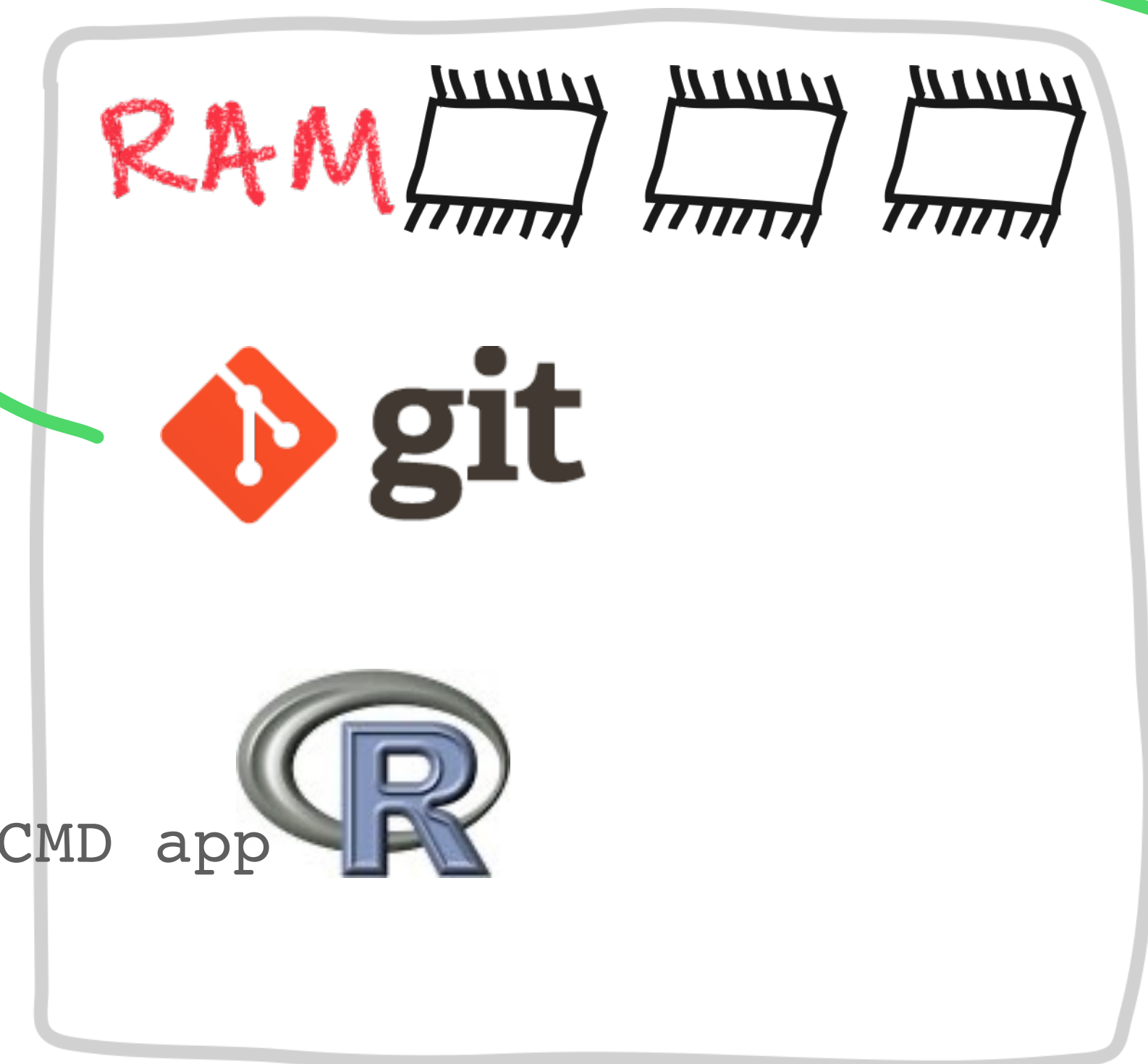
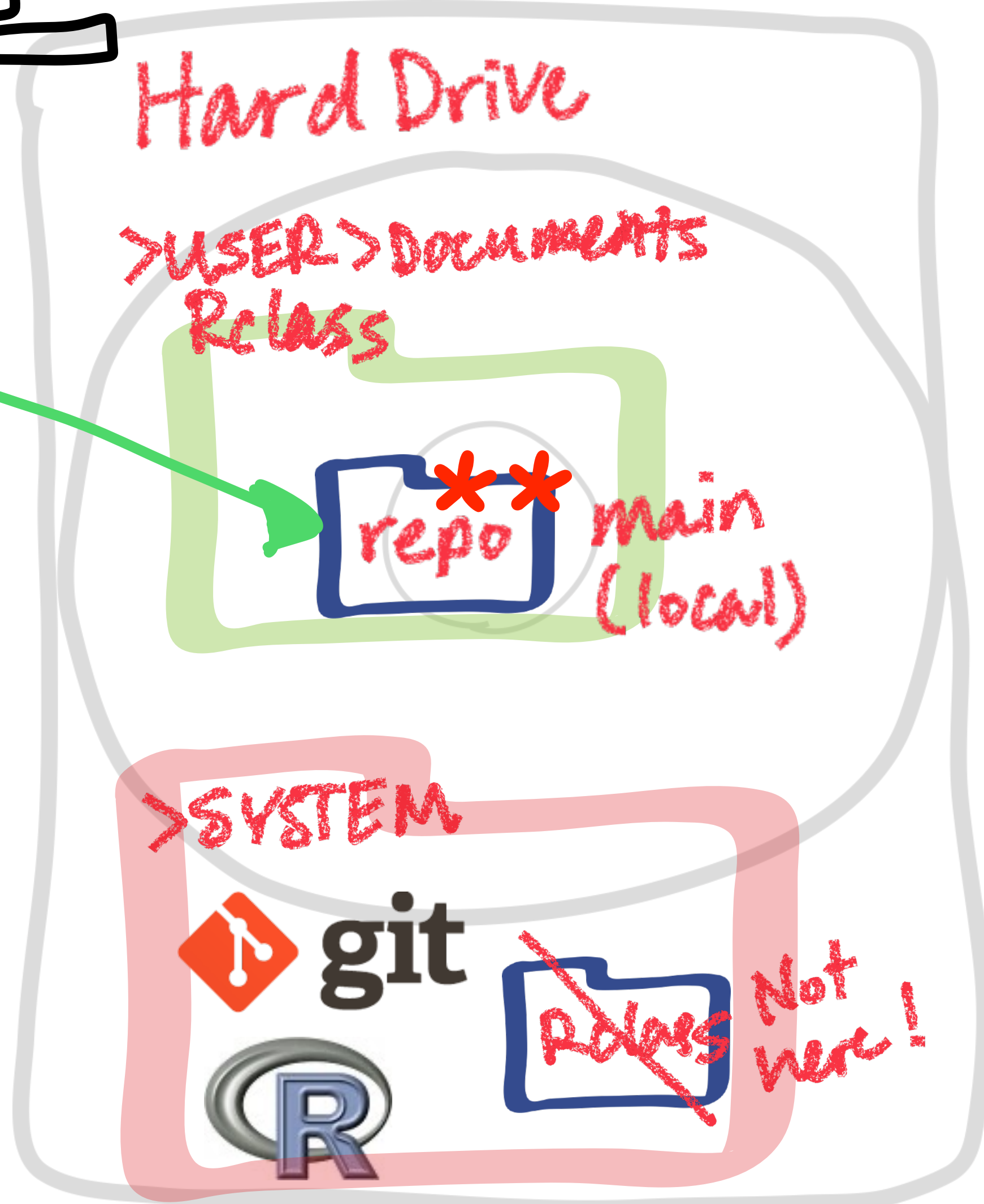
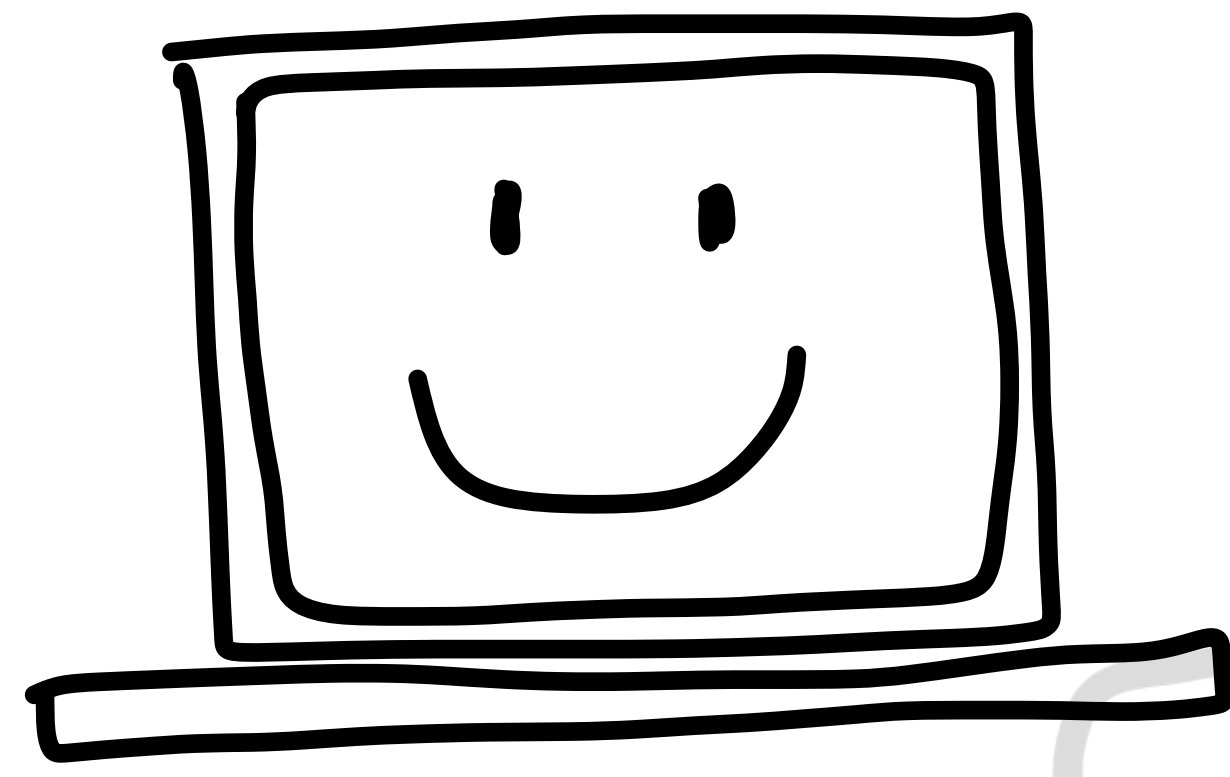
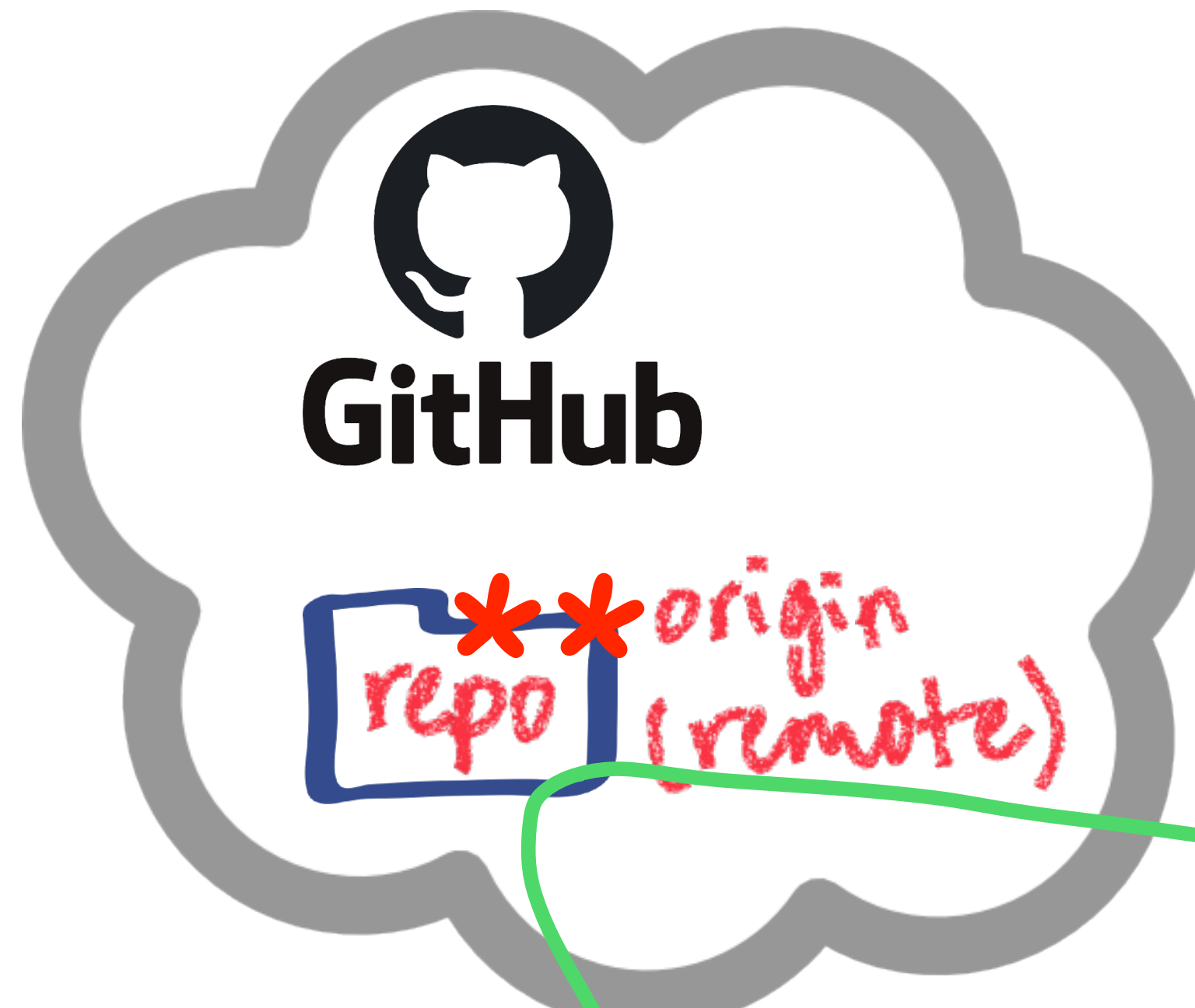


Code in R



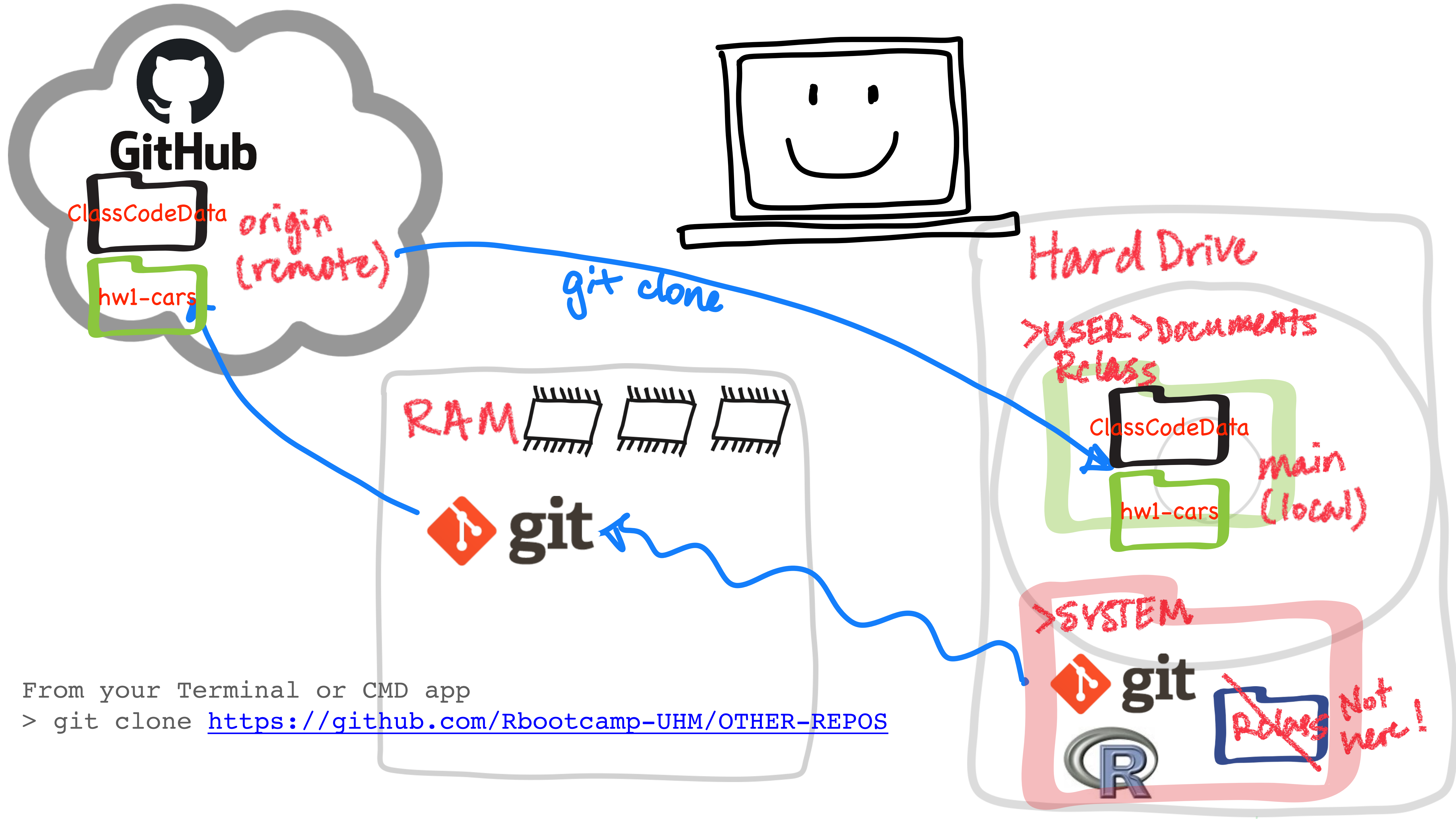
git push

```
From your Terminal or CMD app
> git add -A
> git commit -m "added cool xx to script"
> git push origin main
```



git pull

From your Terminal or CMD app  
> git pull origin main



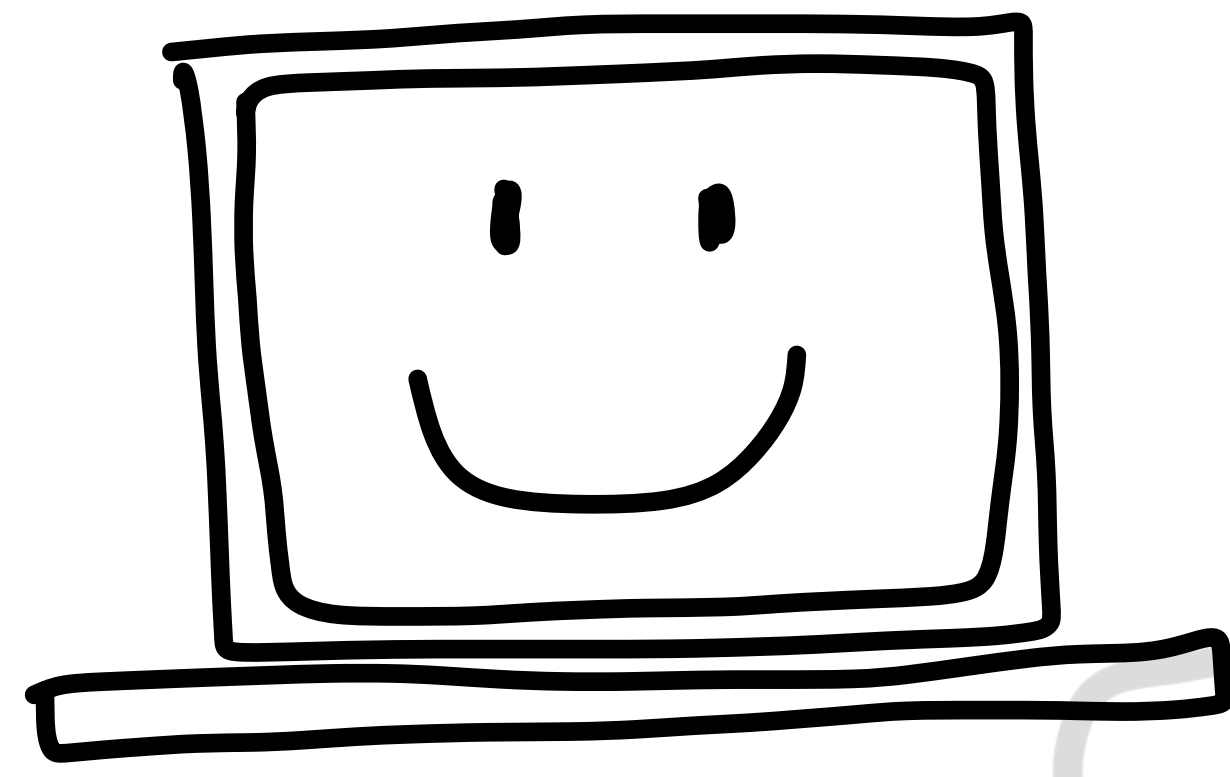
GitHub

ClassCodeData

origin  
(remote)

hw1-cars

git clone



Hard Drive

>USER>DOCUMENTS

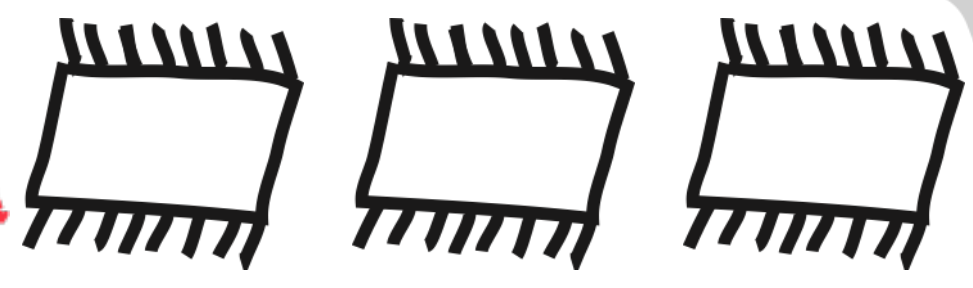
Reclass

ClassCodeData

hw1-cars

main  
(local)

RAM



git

>SYSTEM

git

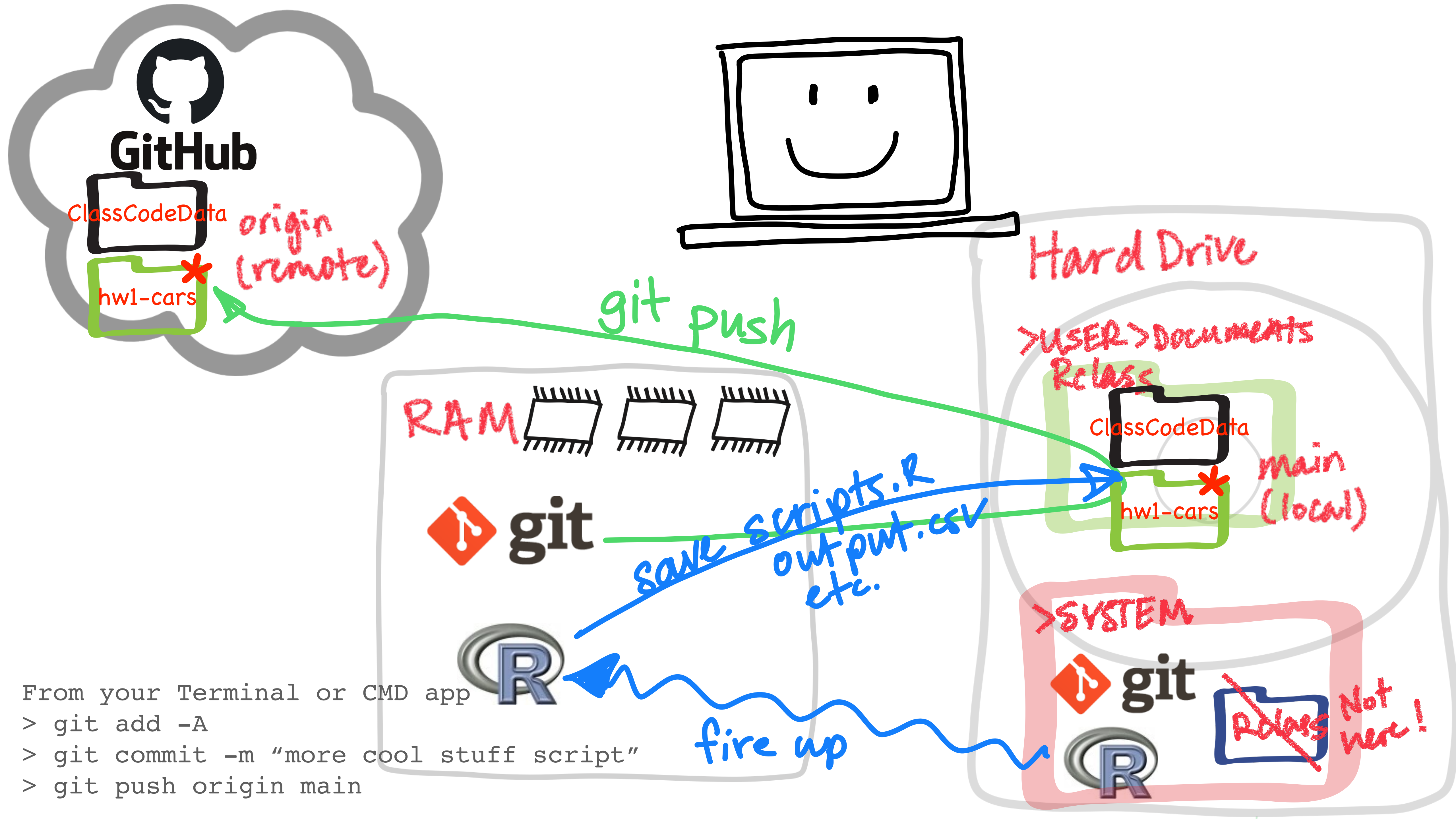


~~Reclass~~

Not here!

From your Terminal or CMD app

> git clone <https://github.com/Rbootcamp-UHM/OTHER-REPOS>



GitHub

ClassCodeData

origin (remote)

hwl-cars

git push

RAM

git

R

save scripts.R  
output.csv  
etc.

fire up

Hard Drive

>USER>DOCUMENTS  
Release

ClassCodeData

hwl-cars

main (local)

>SYSTEM

git

R

~~Release~~

Not here!

```

From your Terminal or CMD app
> git add -A
> git commit -m "more cool stuff script"
> git push origin main
  
```



# Code Development Workflow (Homework)

**Clone repo**  **git**  
(Use your personal link)

```
> git clone https://github.com/Rbootcamp-UHM/hw1-cars-USERNAME
```

**Code** 

Edit your script, debug code, produce output

**Push**  **git**

```
> git add -A  
> git commit -m "added plots"  
> git push origin main
```

**Code** 

Edit your script, debug code, produce output

**Push**  **git**

```
> git add -A  
> git commit -m "added plots"  
> git push origin main
```

**Request  
comment**   
**GitHub**

Generate issue request on website tag @mbutler808

Wash  
Rinse  
Repeat

:Push:  
:Early:  
:Push:  
:Often:

## File Locations

**My Hard Drive**

**My Hard Drive**



## Software and Purpose



Create analyses, graphics,  
manipulate data



For PC (Or other) text editor,  
Macs: use R script editor



Distribute and synchronize files, data

## For Class

[rbootcamp.butlerlab.org](http://rbootcamp.butlerlab.org)

**Laulima**

**Rbootcamp Slack**

[rbootcamp-workspace.slack.com](http://rbootcamp-workspace.slack.com)

**Rbootcamp @ GitHub**

<https://github.com/Rbootcamp-UHM>

## Function

Primary location for course content

Check grades, Reading Assignments via Perusall, Quizzes

Preferred questions, office hour requests, email if needed

Repository for ClassCodeData, hw