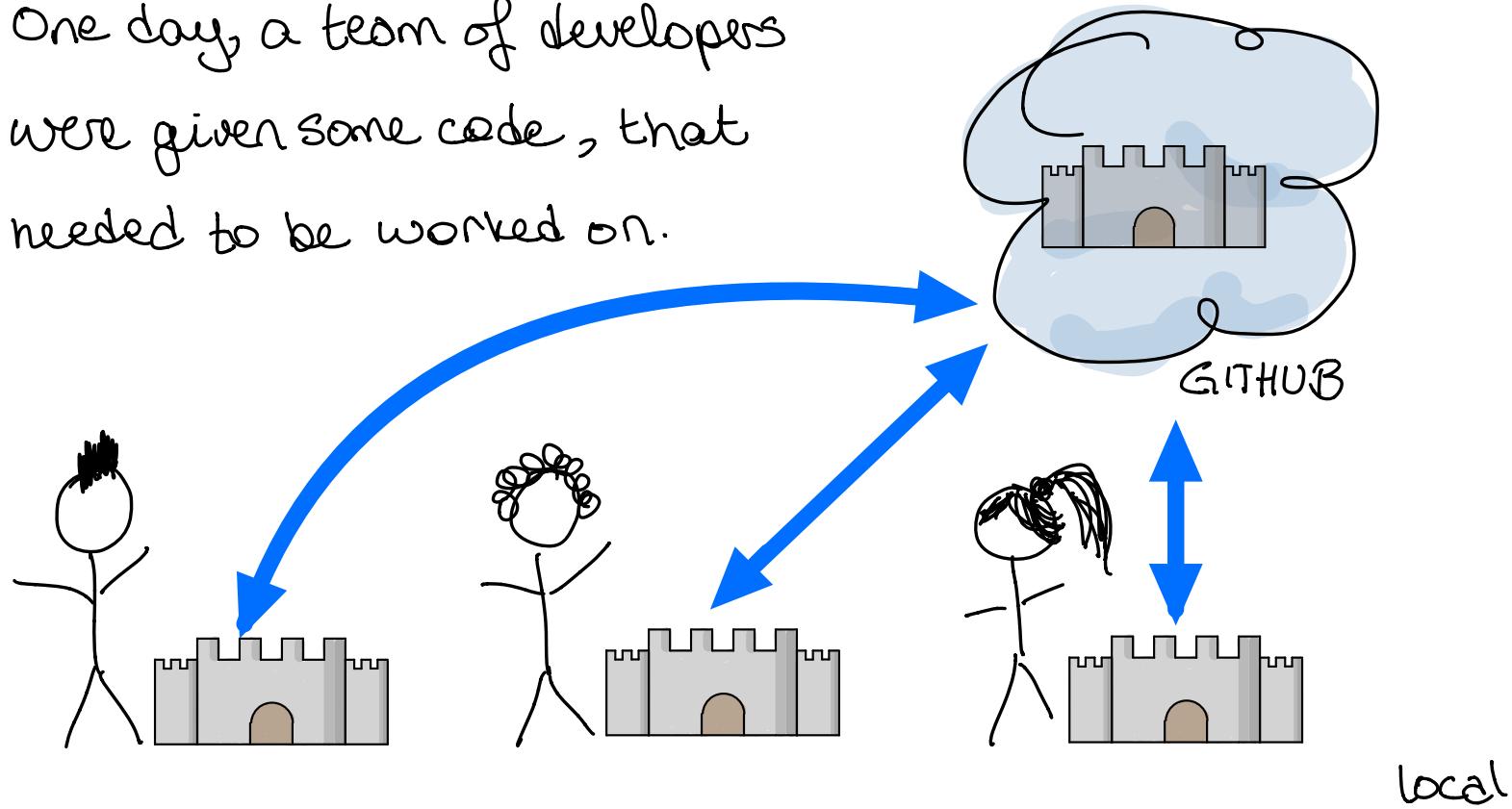


Using git with a team of developers

by Sandy Bultena
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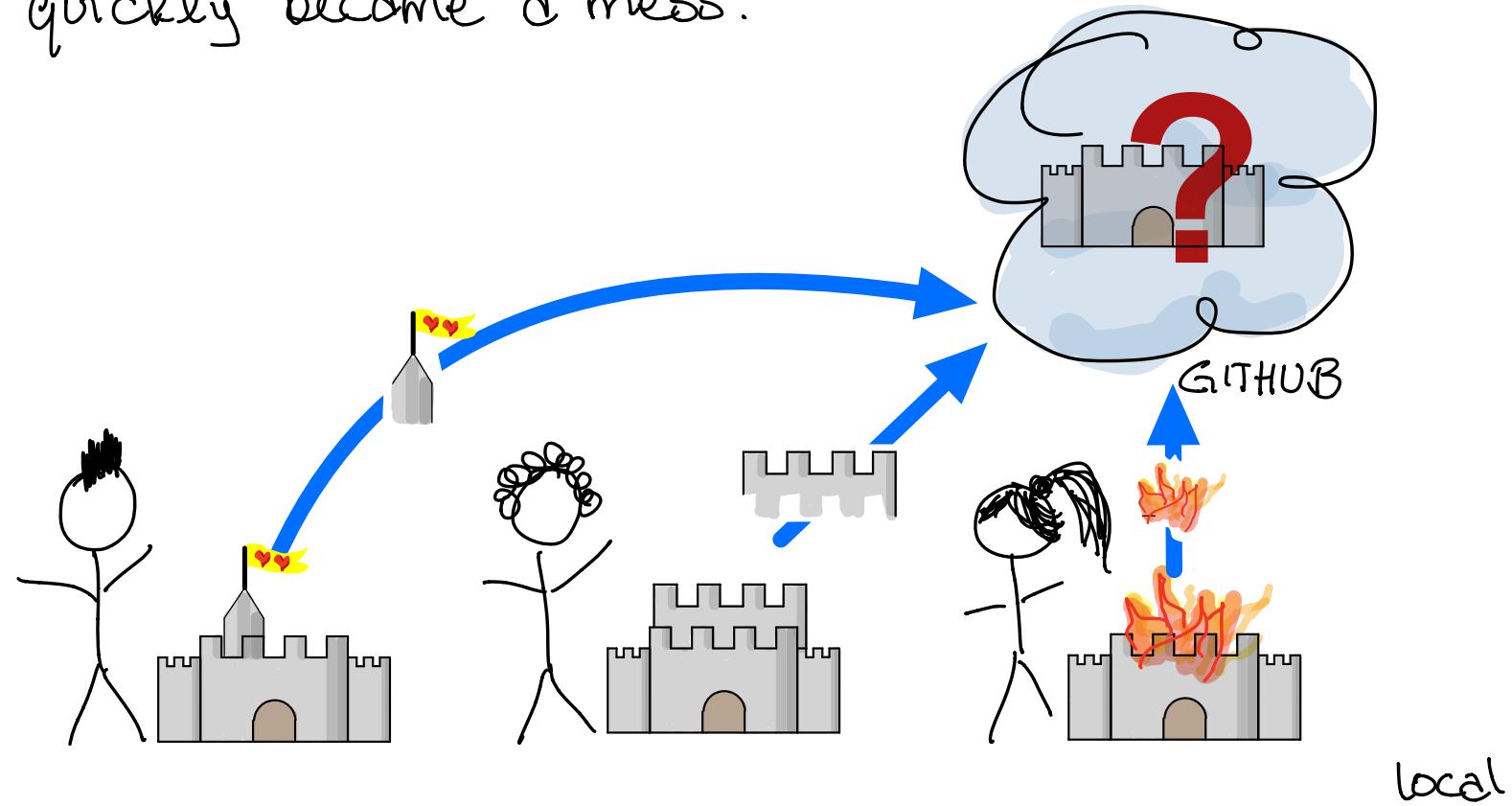
disclaimer: this will tell you what you need
to do, not how to do it.

One day, a team of developers
were given some code , that
needed to be worked on.

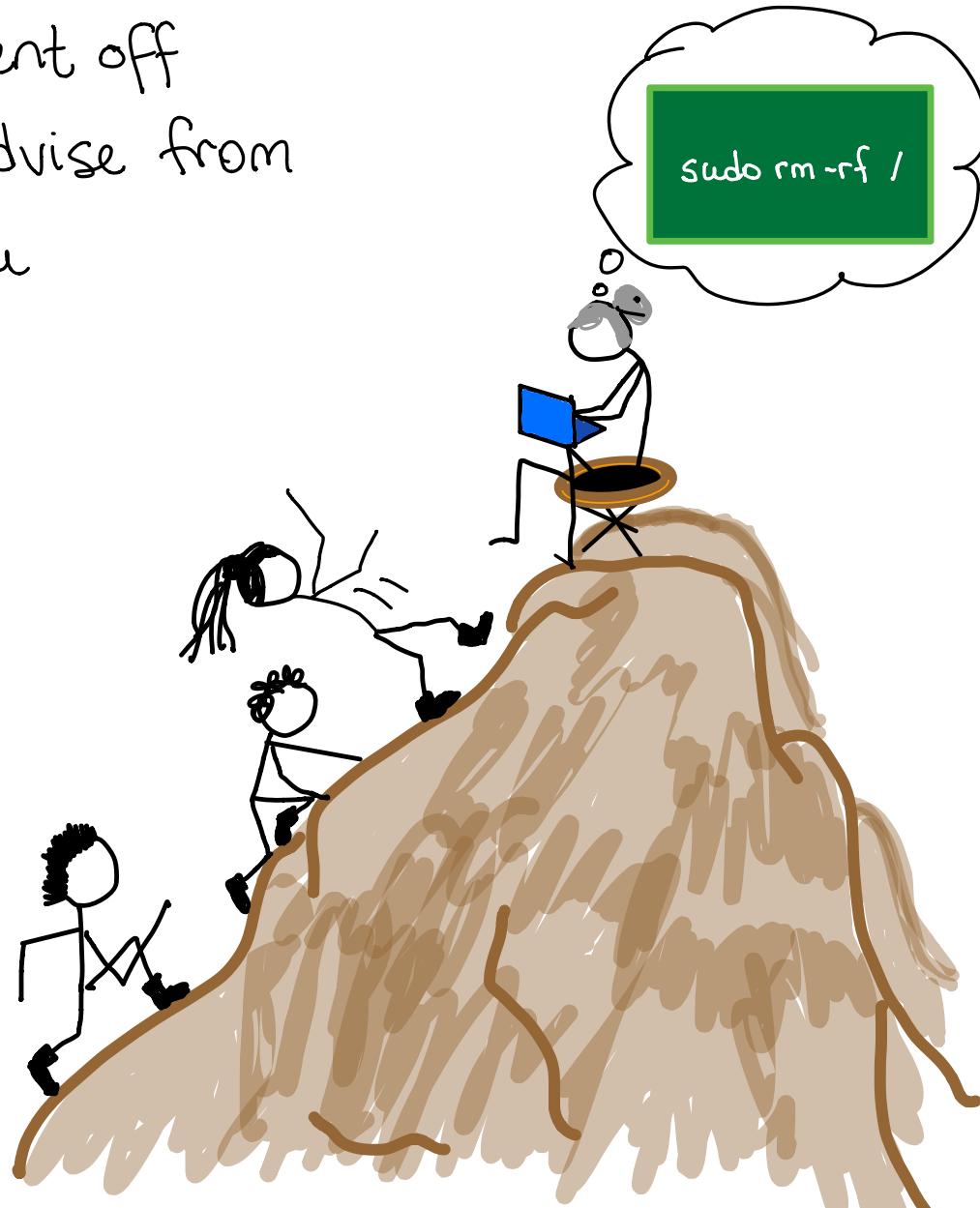


so they put it on Github so they could
all share the code base

But when they all started making changes at the same time, it very quickly become a mess!



So the team went off
in search of advise from
a wise old guru



And when she imparted her advice, she reminded them that although there are many ways to achieve success, her methods have been proven to work.

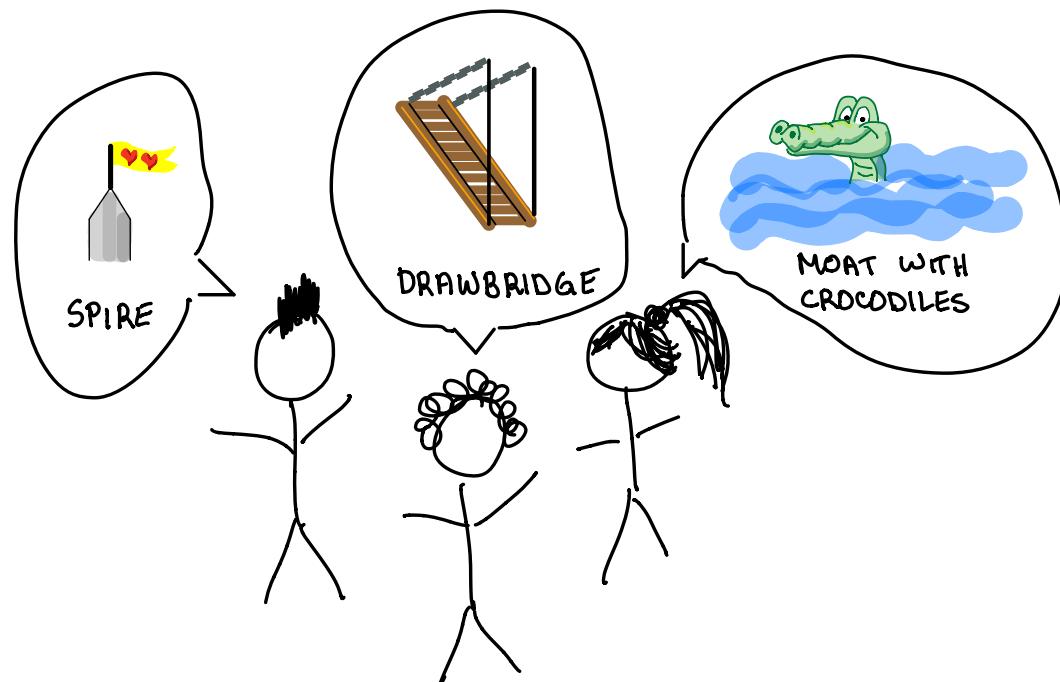
So follow her advise.

DO YOU
WANT MY
HELP? THEN
LISTEN TO ME,
BECAUSE I AM
OLD AND WISE,



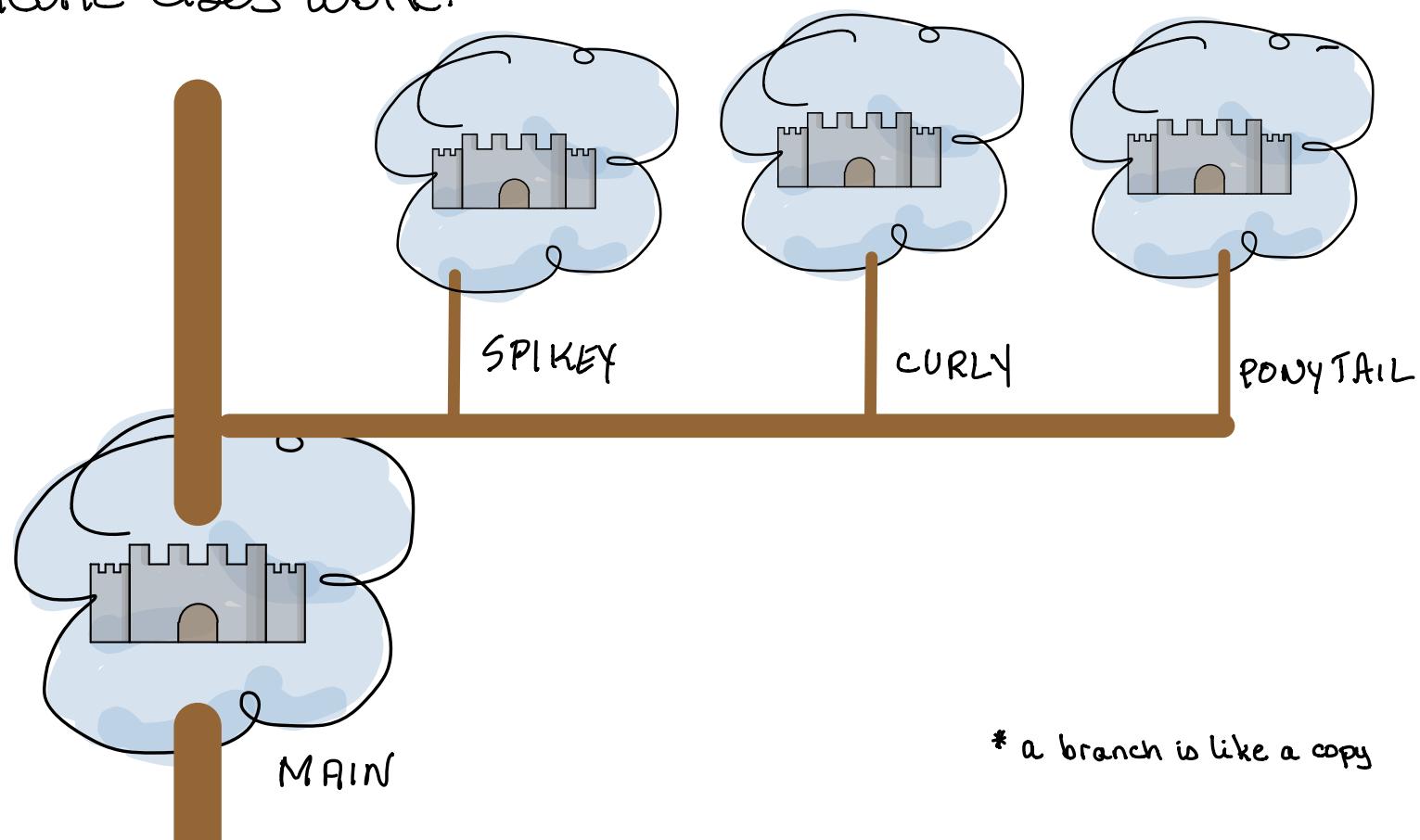
Lesson 1

the team talked, and each member was given a different area to work on, so that they would not modify the same parts of the project.



Lesson 2

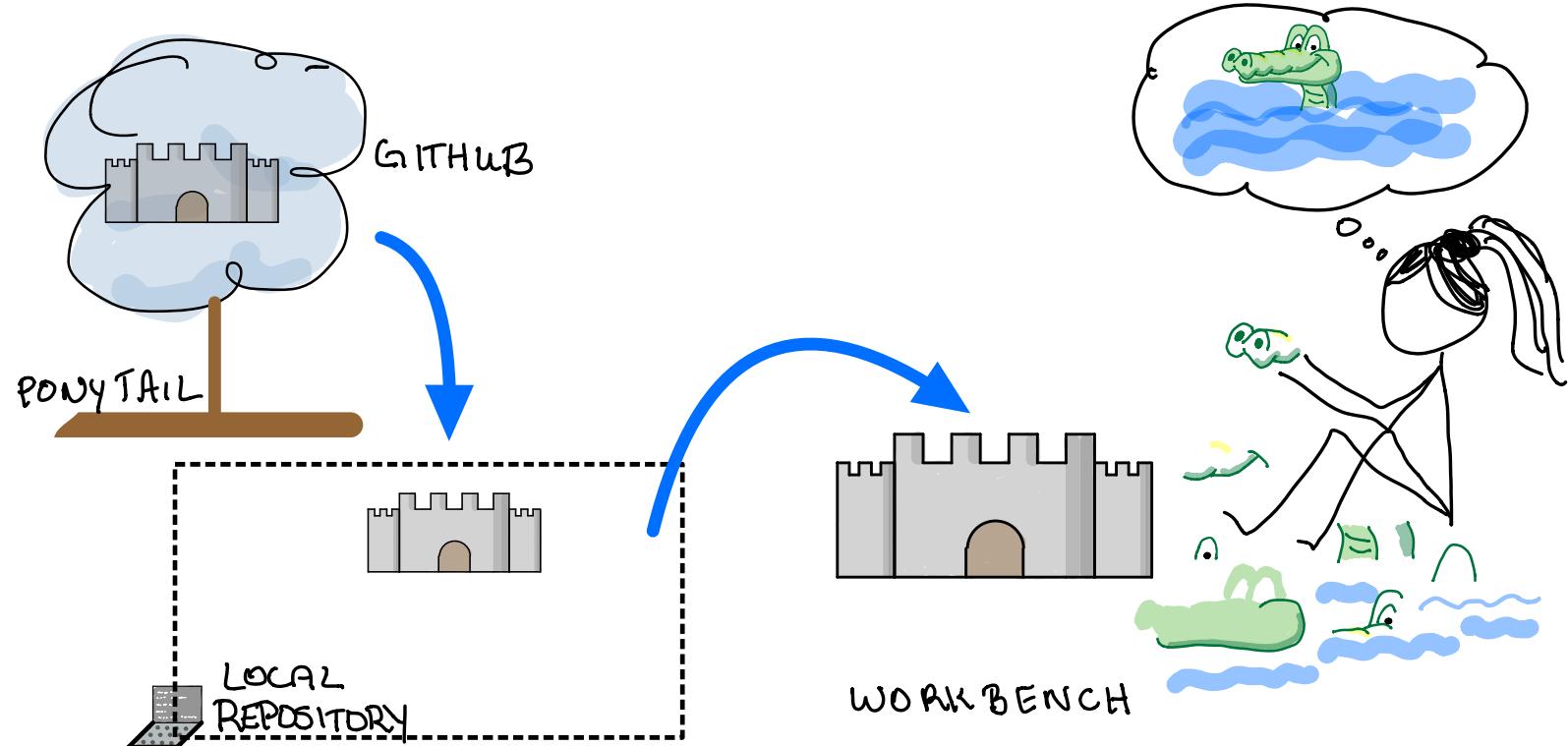
In github, make individual branches* for each member to work on. This will prevent accidental overwrites of someone else's work.

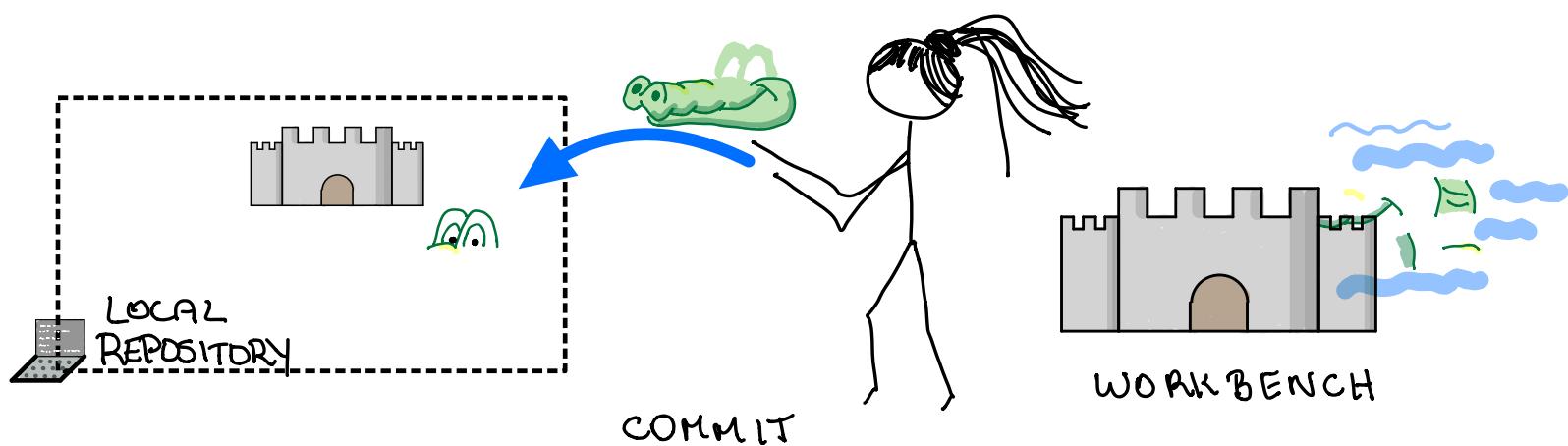
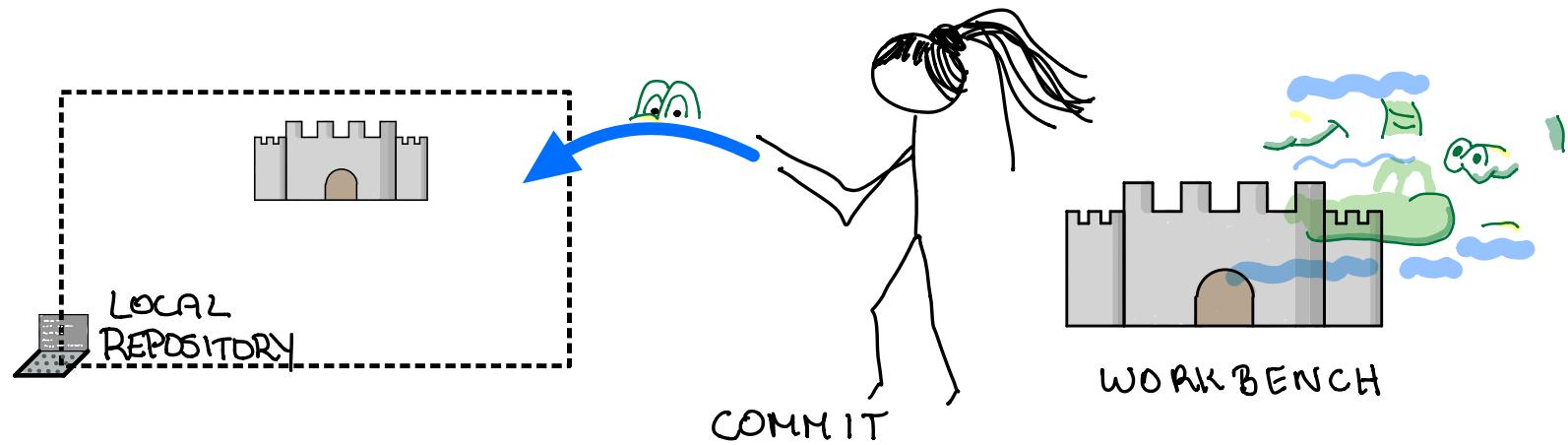


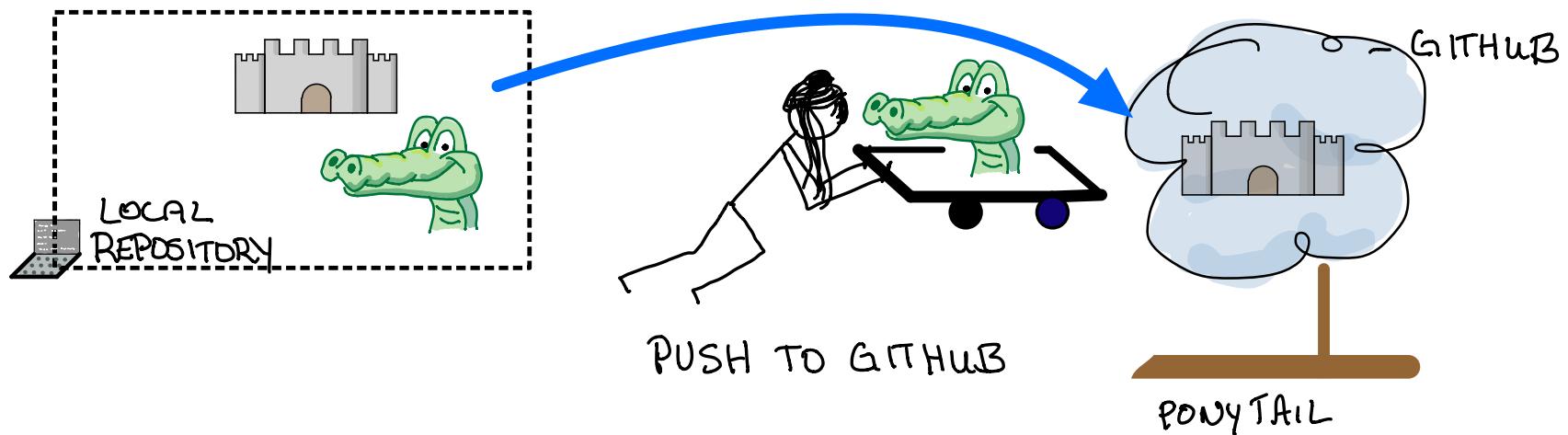
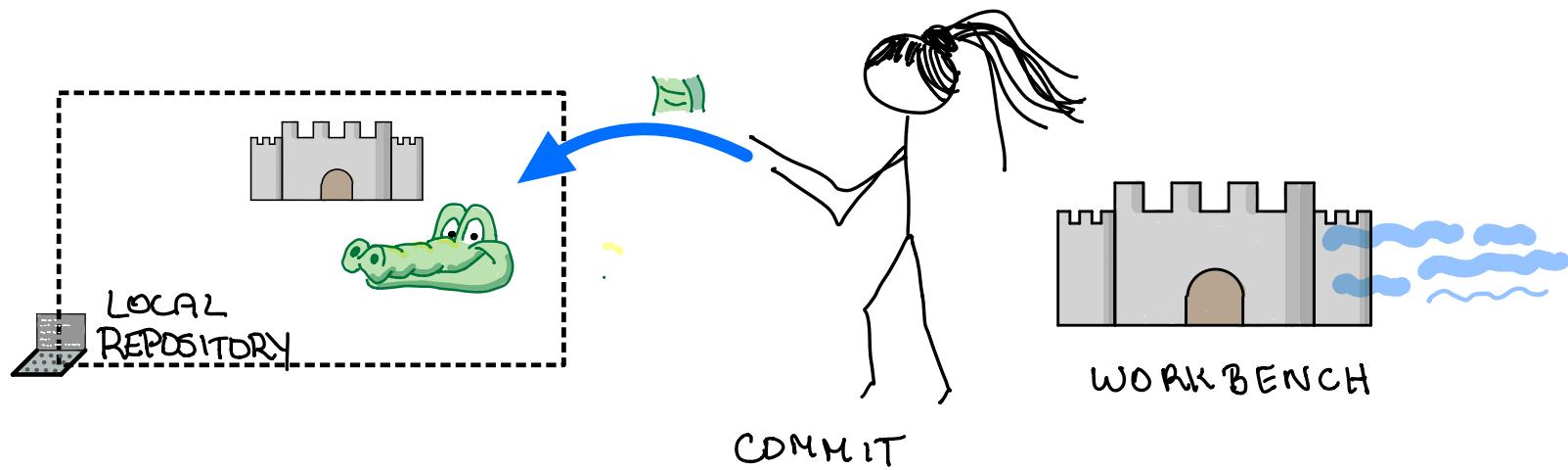
* a branch is like a copy

Lesson 3

Each team member creates a local copy of their branch, and commits changes locally, periodically pushing their changes onto their branch on github

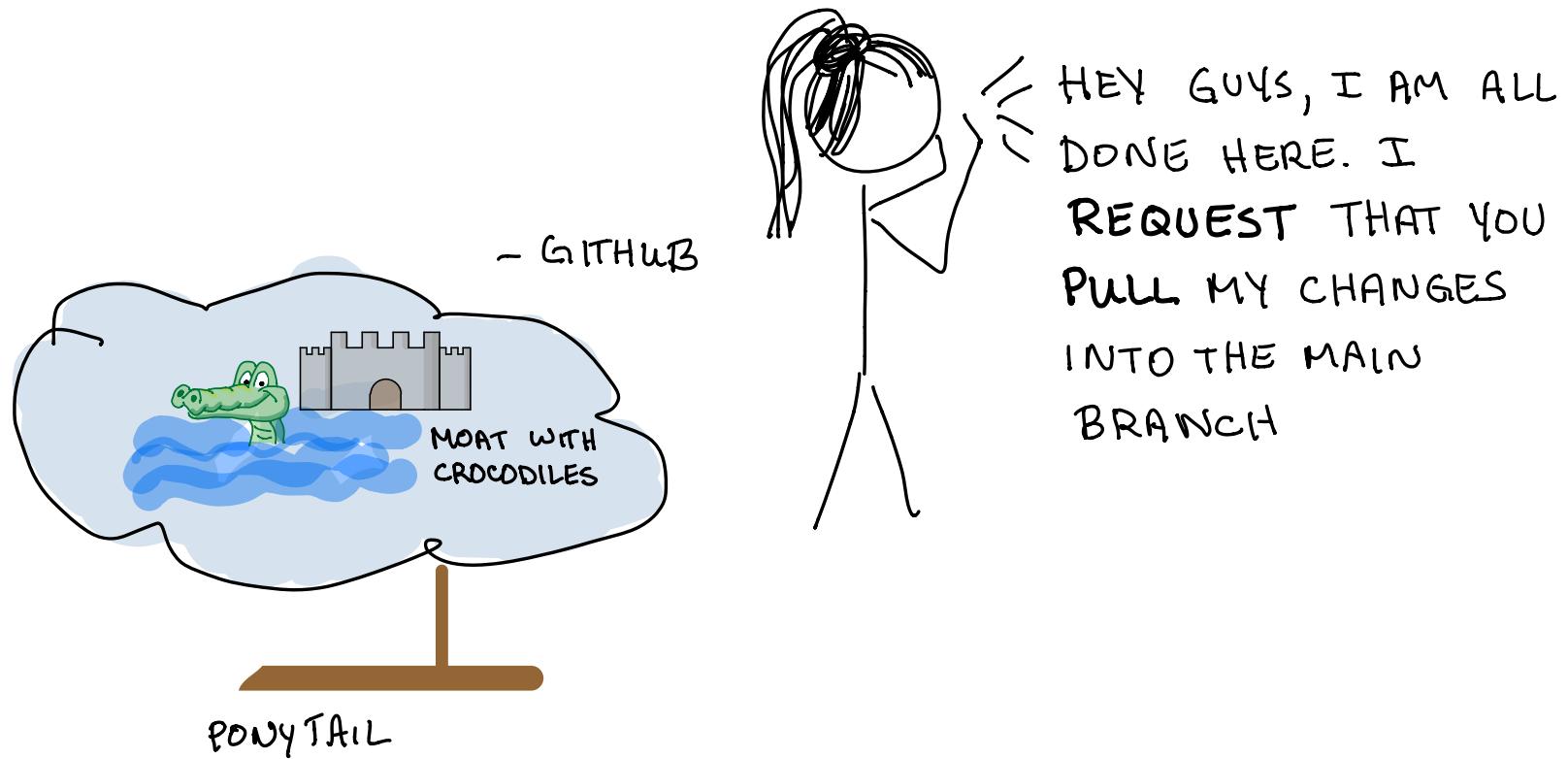






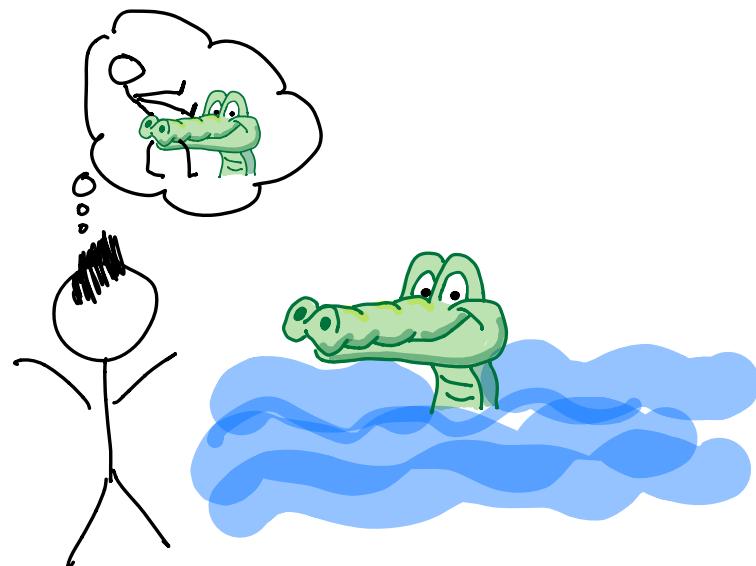
Lesson 4

When a teammates' task is done, its time to update the main branch via a "pull request"

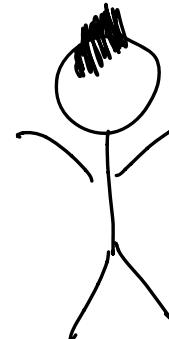


Lesson 5

Before pulling anything into the main branch,
it should be reviewed by at least one other
team member



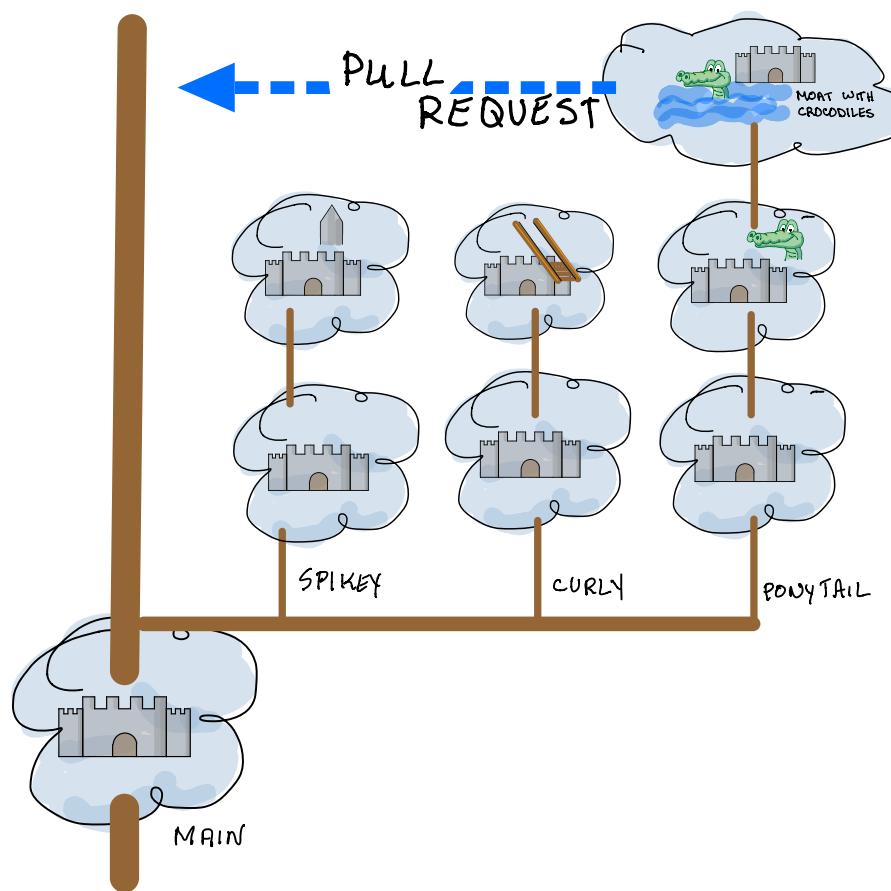
DOES IT
BITE?

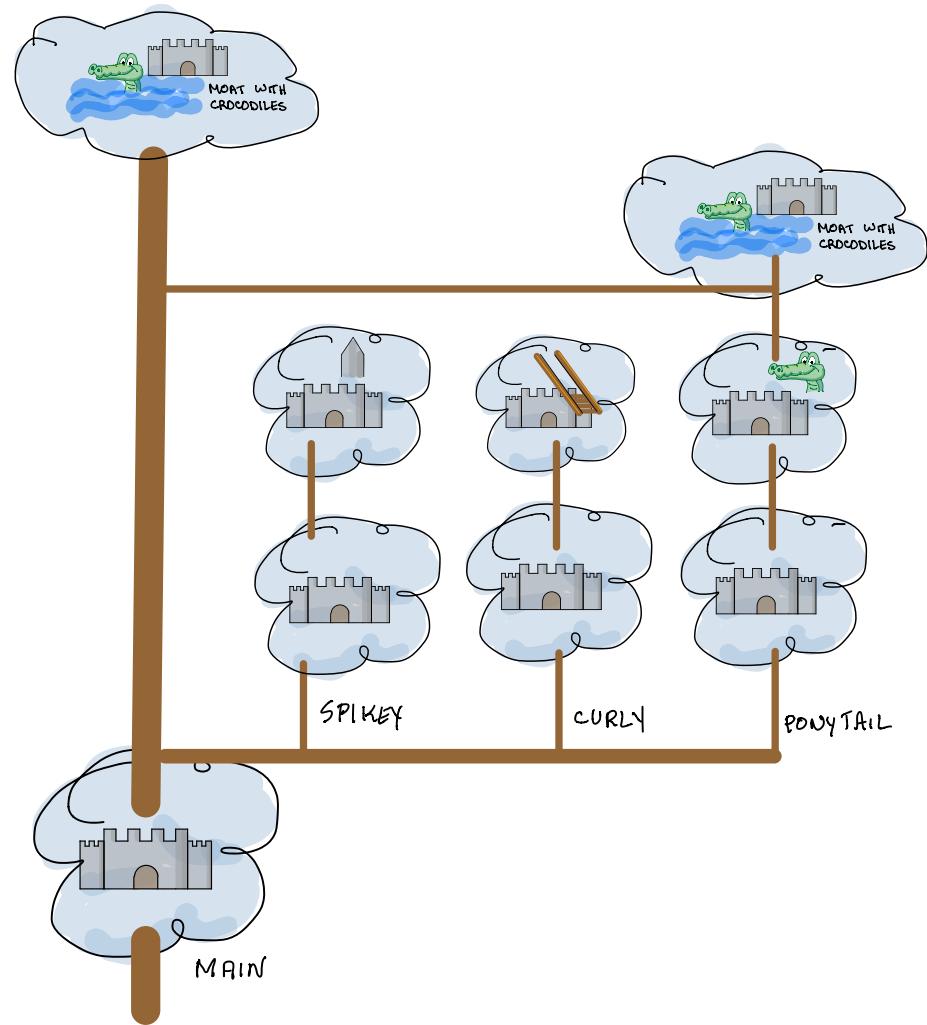


NOPE.
NO TEETH!



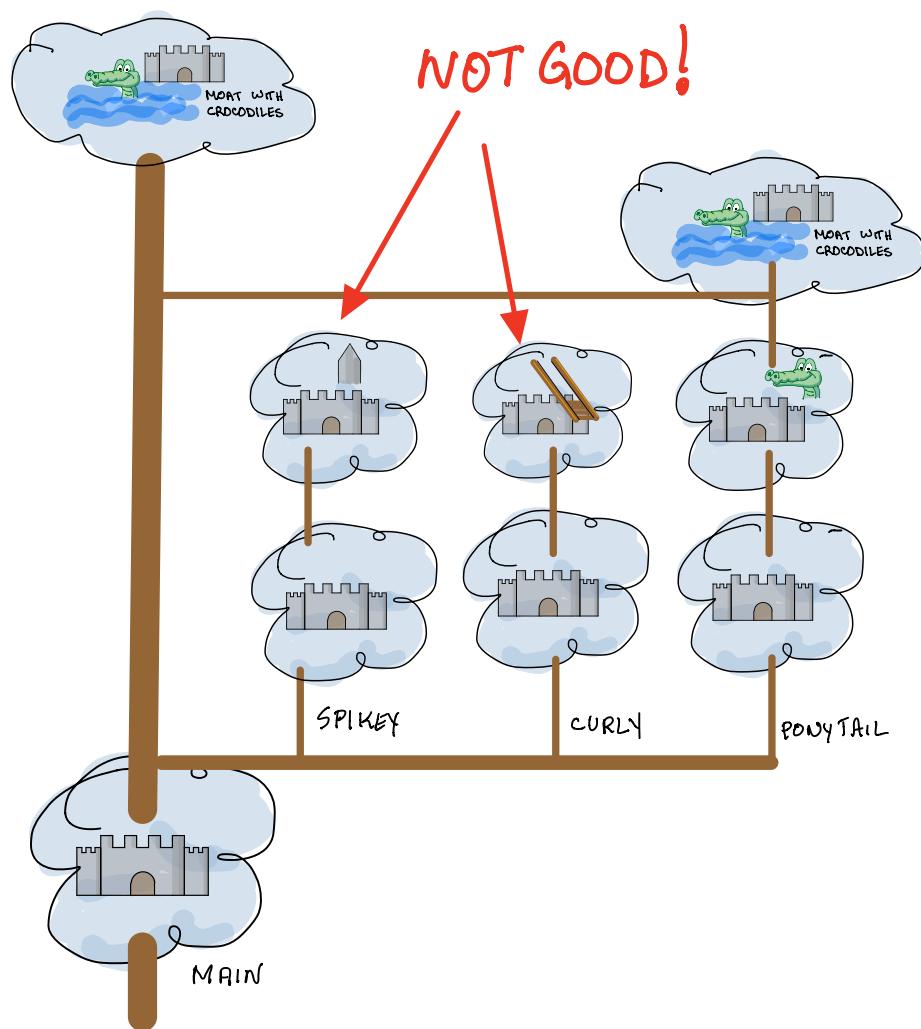
Every one has been working very hard.
This is what the github repository looks like
now



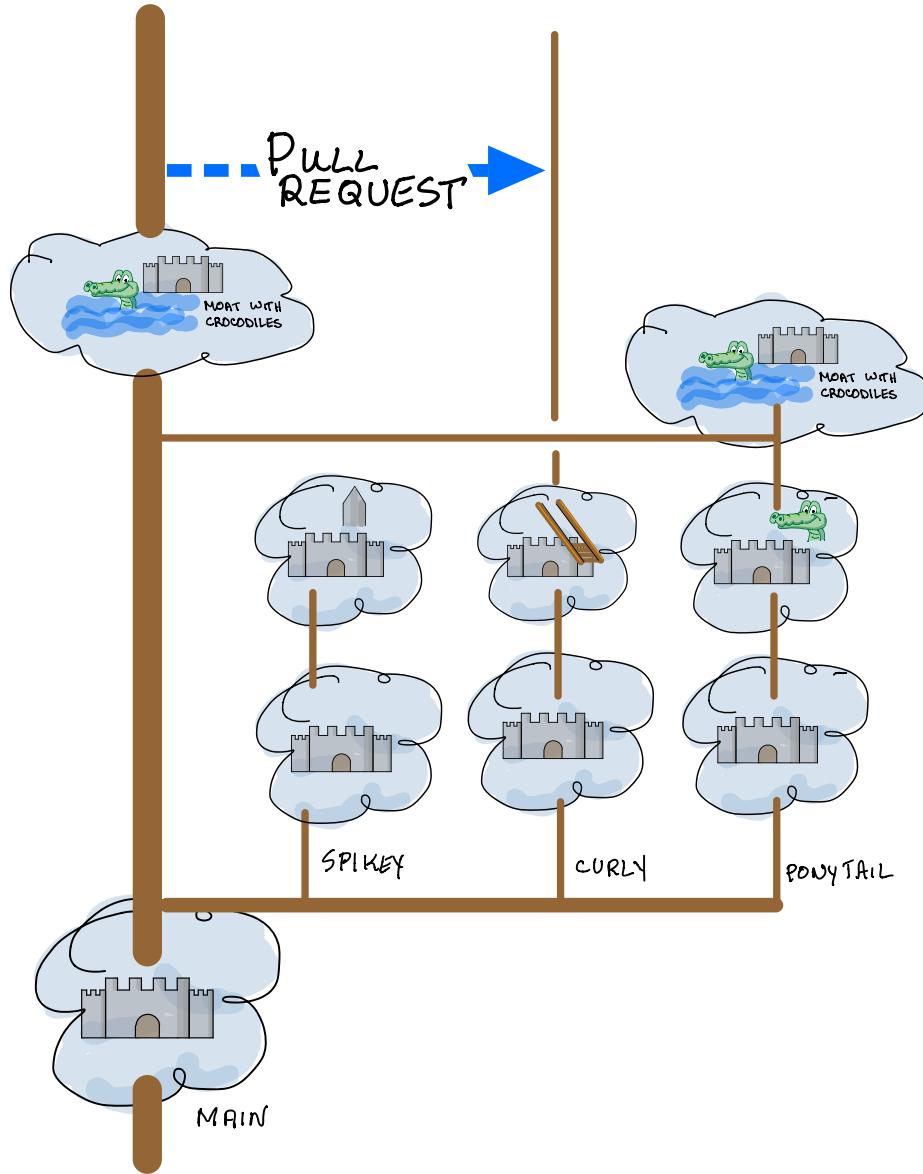


After the pull
request has been
accepted

Lesson 6

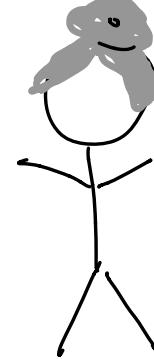


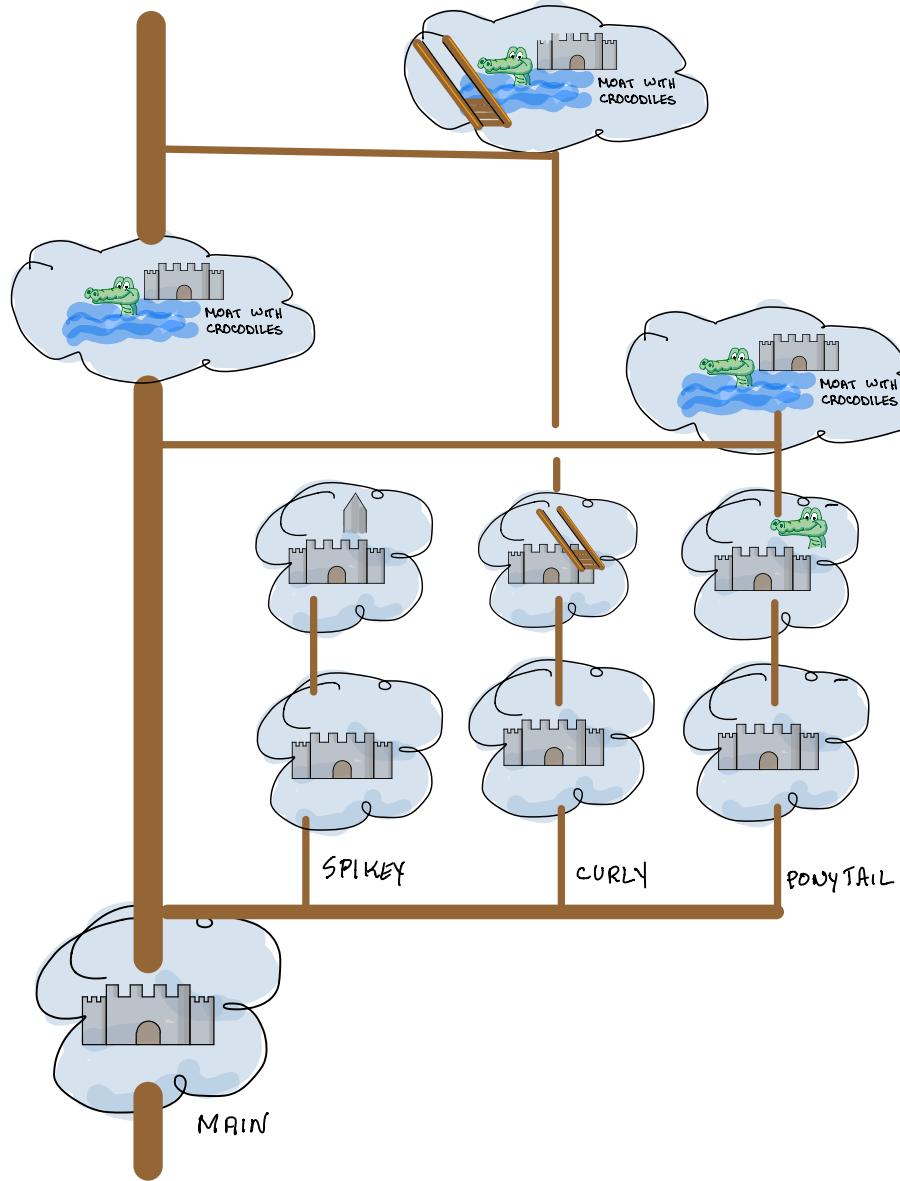
Always try to stay ahead of whatever is in the main branch.

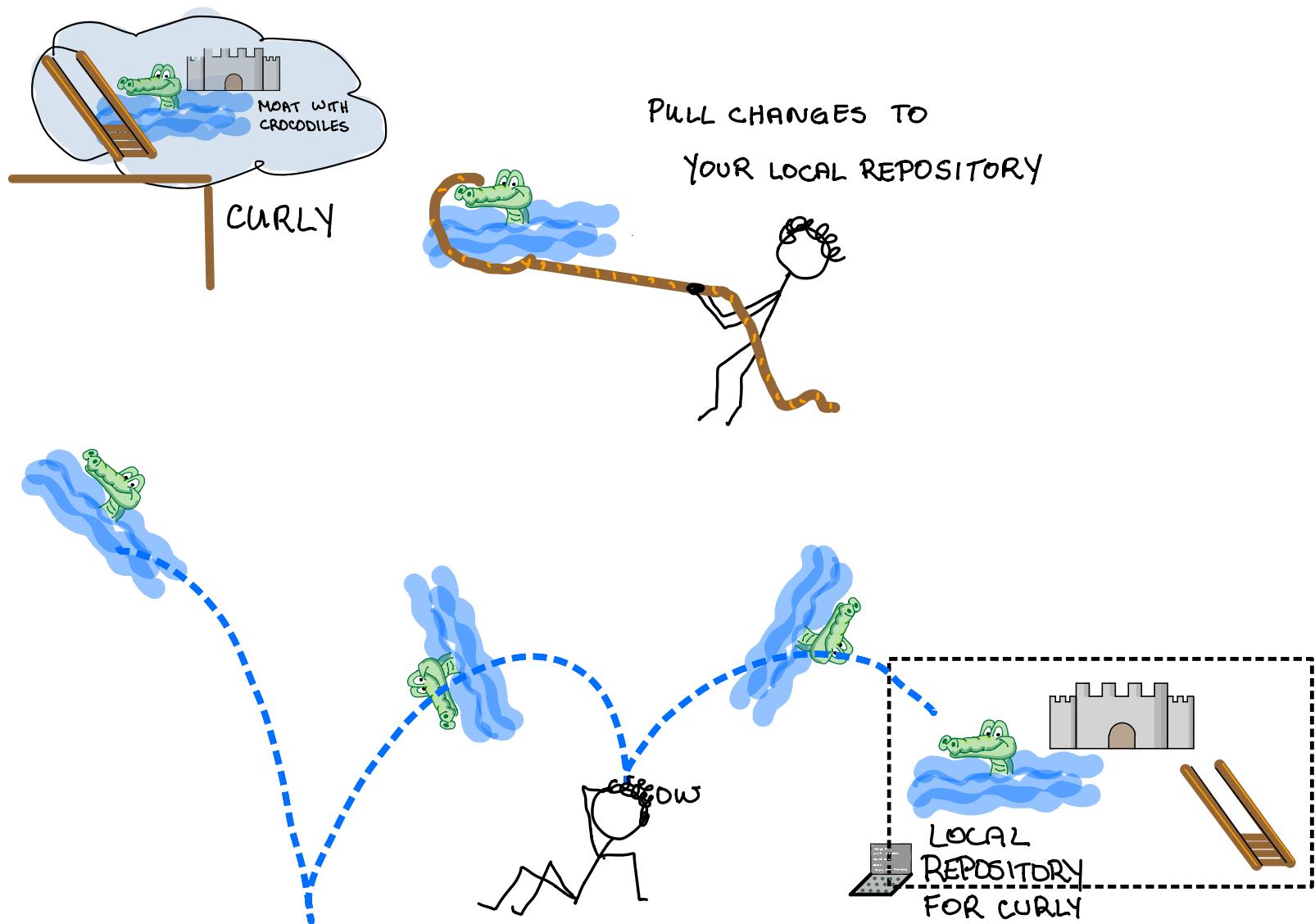


Caution

BE CAREFUL
WHEN YOU DO THIS!
MAKE SURE YOU ARE
PULLING IN THE
CORRECT DIRECTION!

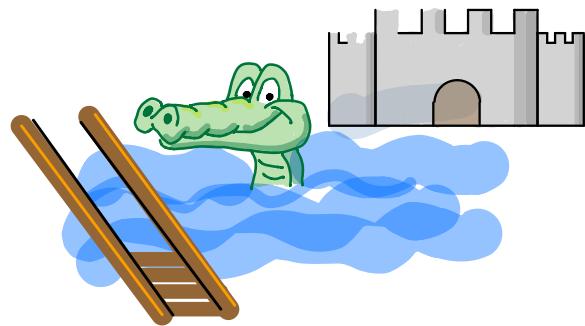




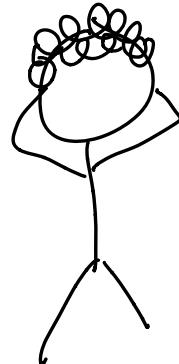


Lesson 7

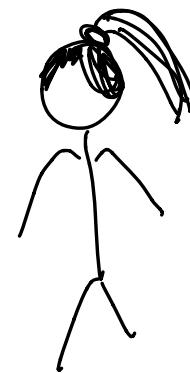
After you have pulled the main branch into your branch, re-evaluate your work



OMG, PONYTAIL!!



YOUR MOAT IS TOO
BIG, MY DRAWBRIDGE
DOESN'T FIT ACROSS
YOUR MOAT.



NOT MY
PROBLEM
DUDE!

Lesson 8

Remain Professional, no matter how frustrated you feel.

SO, WHAT SHOULD
WE DO TO SOLVE
THIS?



And now, after a hard day's
work, it is time to get some rest.

The
End