

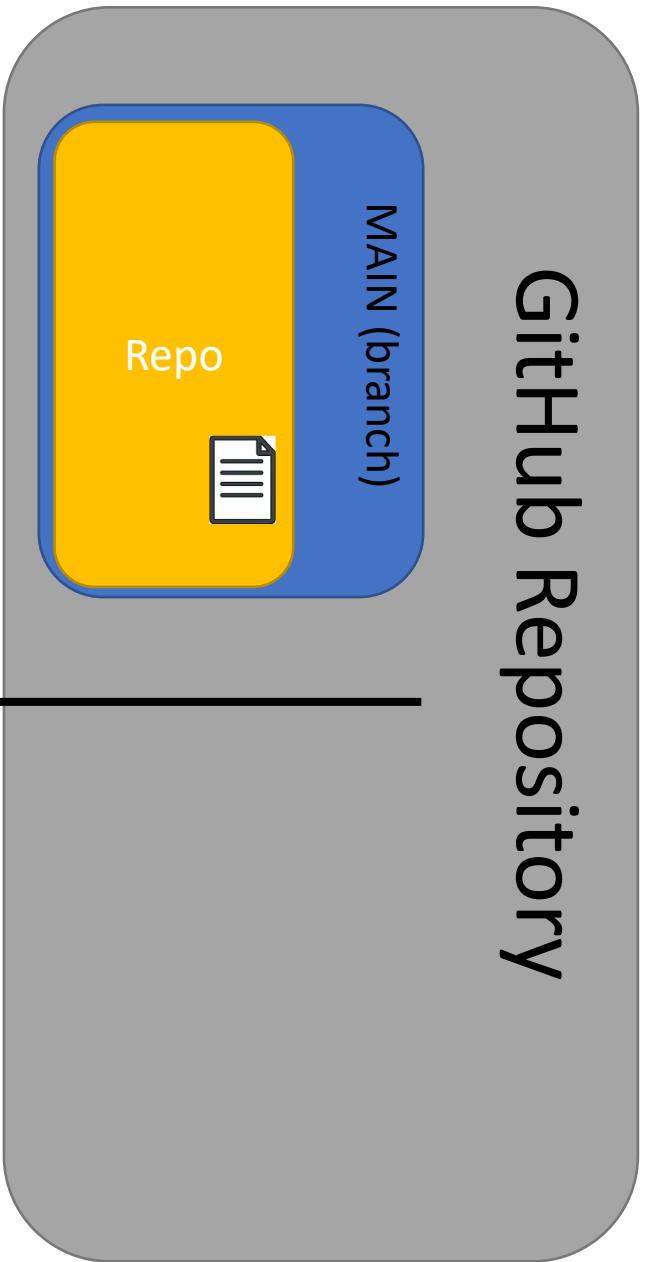
Using git without alternate branches

- `git add .` (or `git add filename`)
- `git commit -m "One line description of what was changed"`
- `git push`
- `git pull`

Local Computer



git clone URL



GitHub Repository

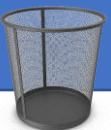
MAIN (branch)

Repo

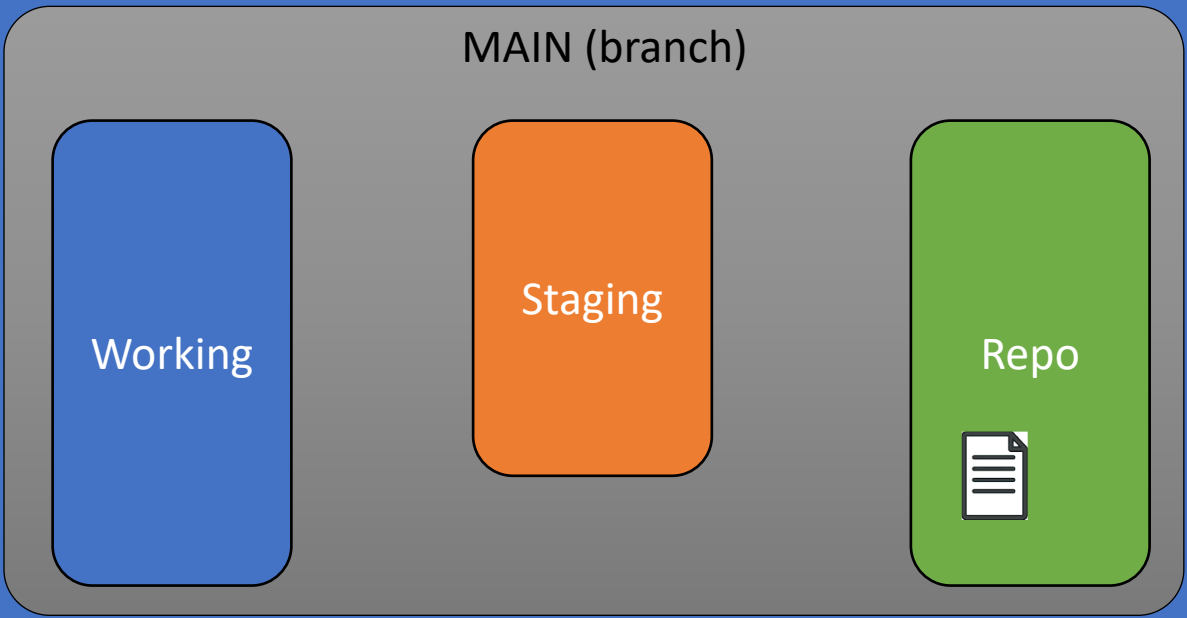


Git clone

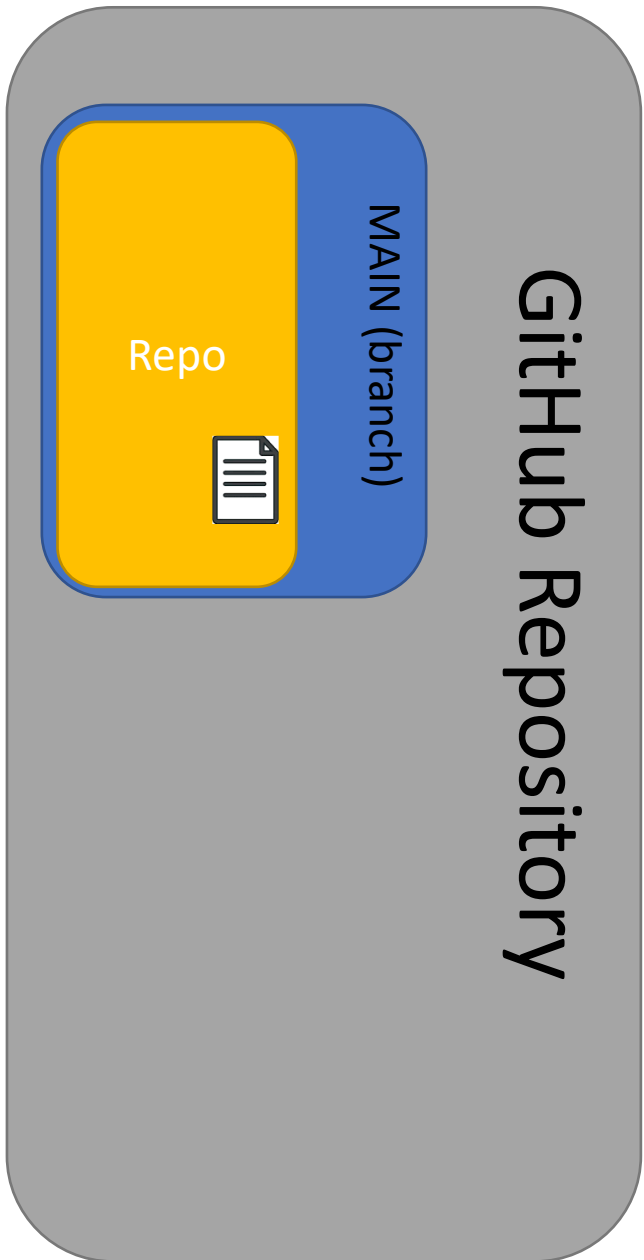
Local Repository



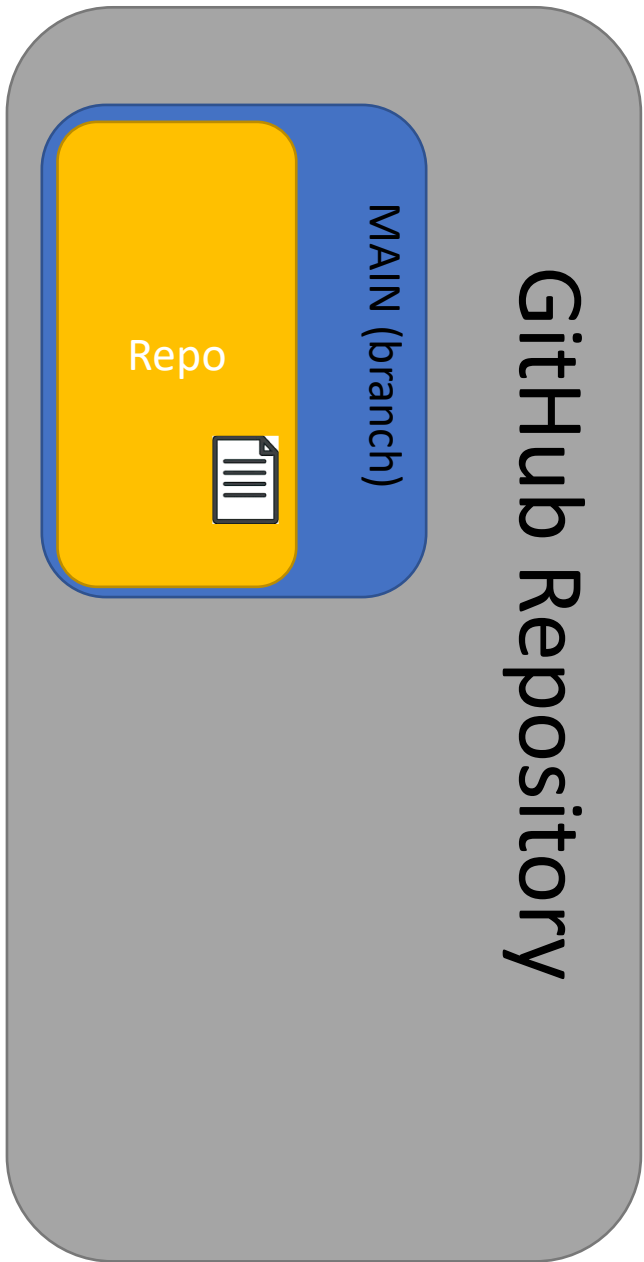
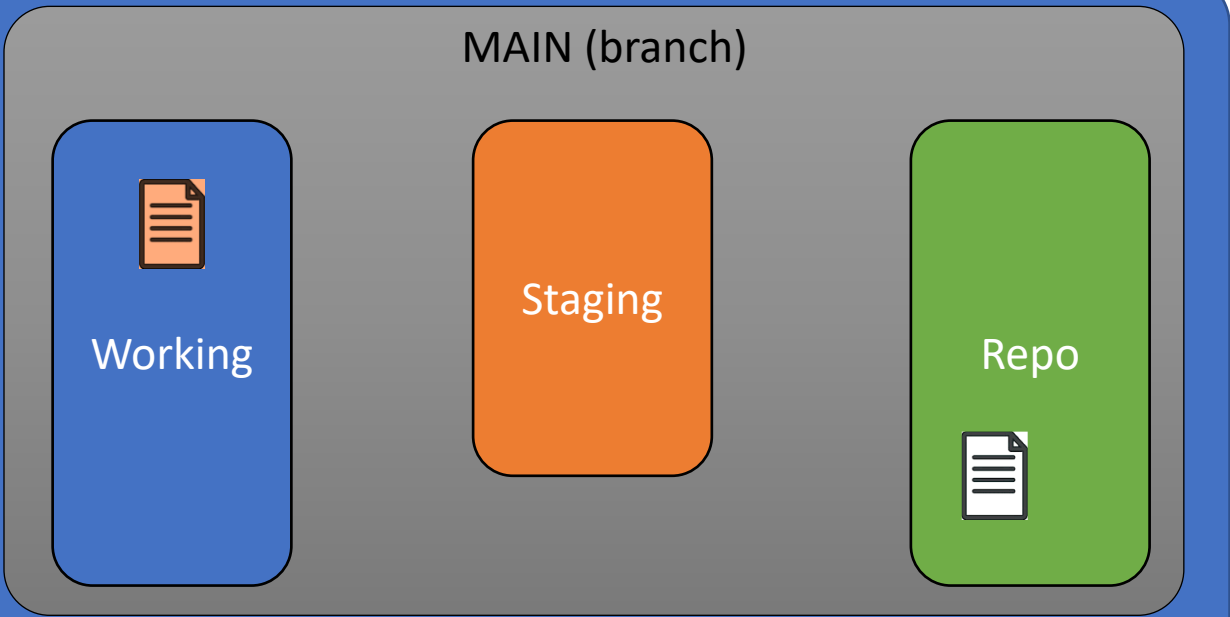
Local Repository



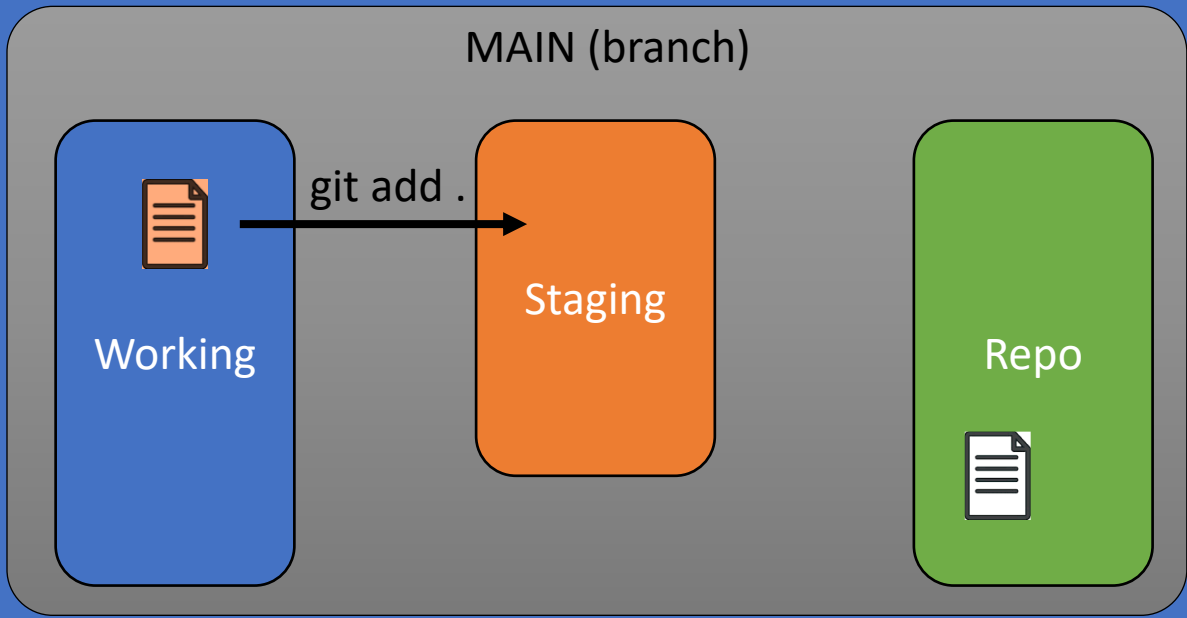
GitHub Repository



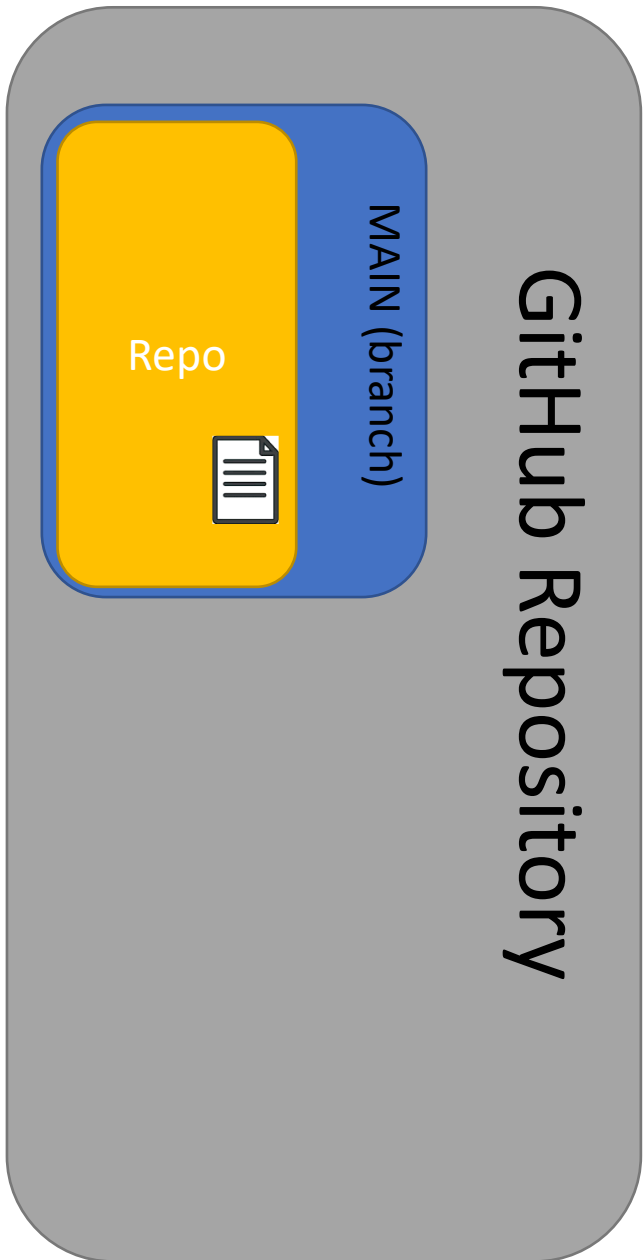
Local Repository



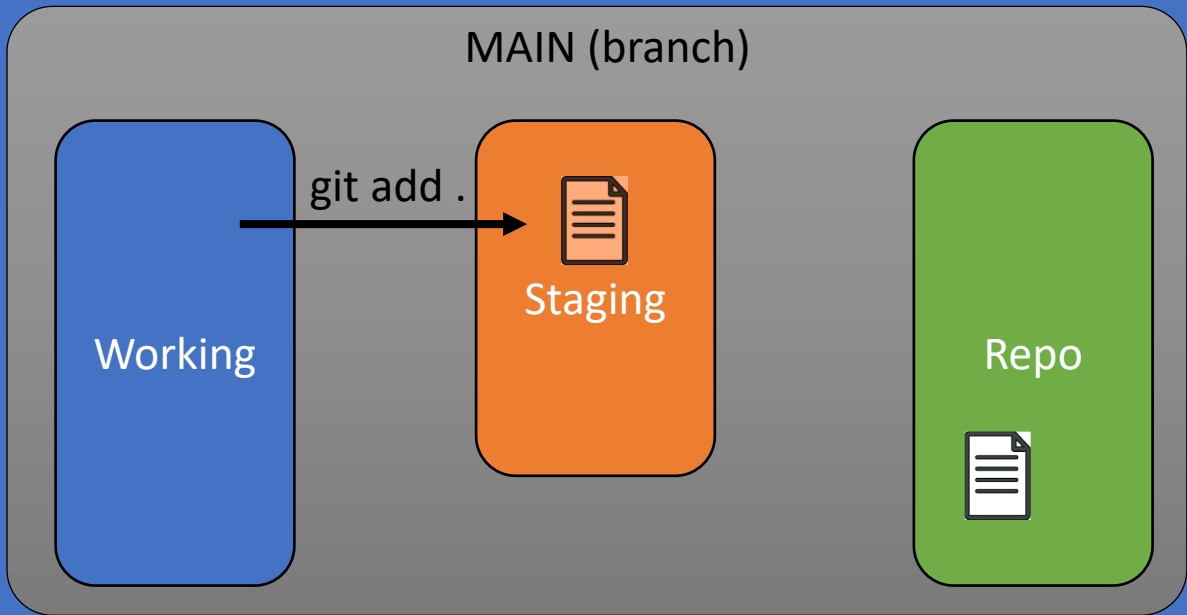
Local Repository



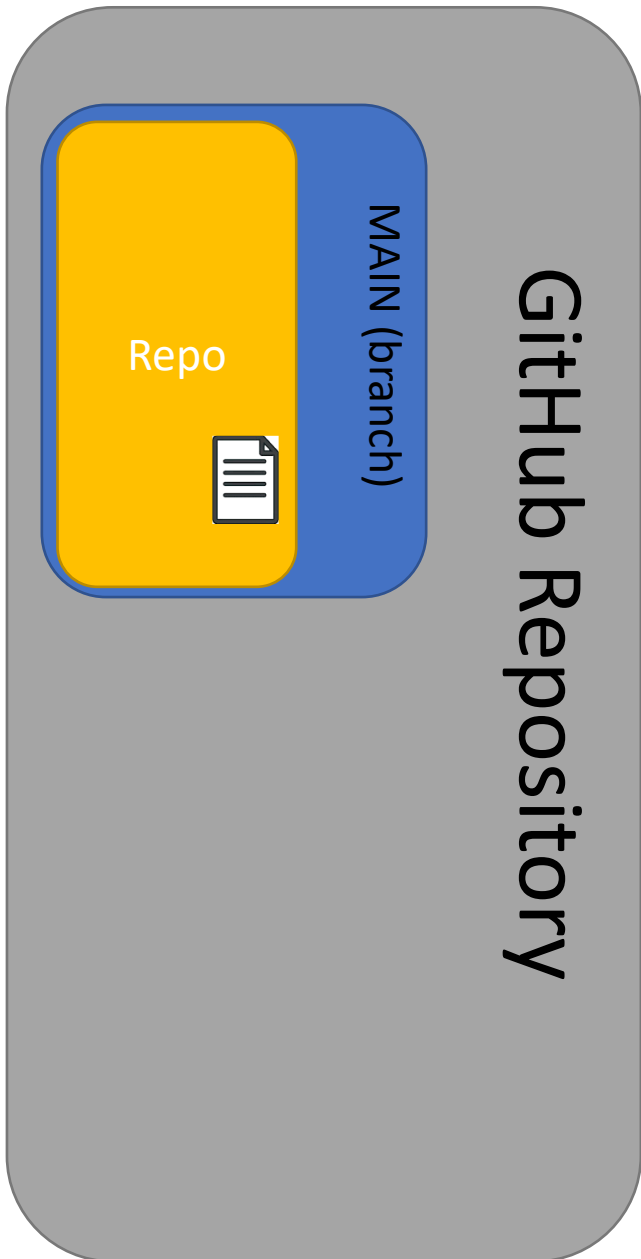
GitHub Repository



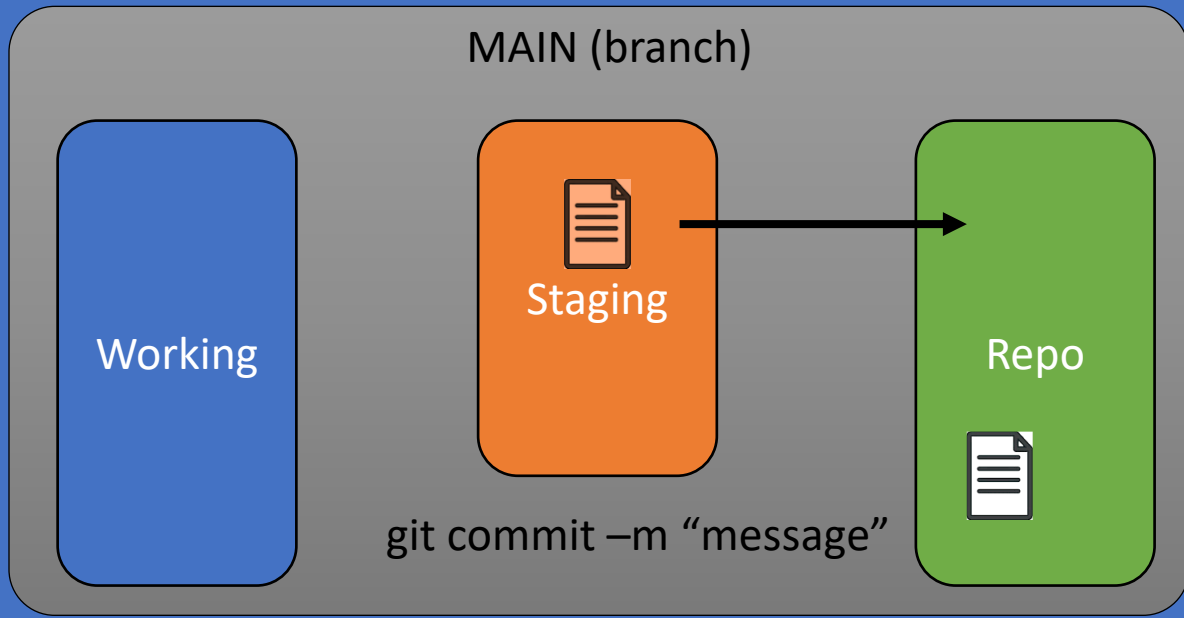
Local Repository



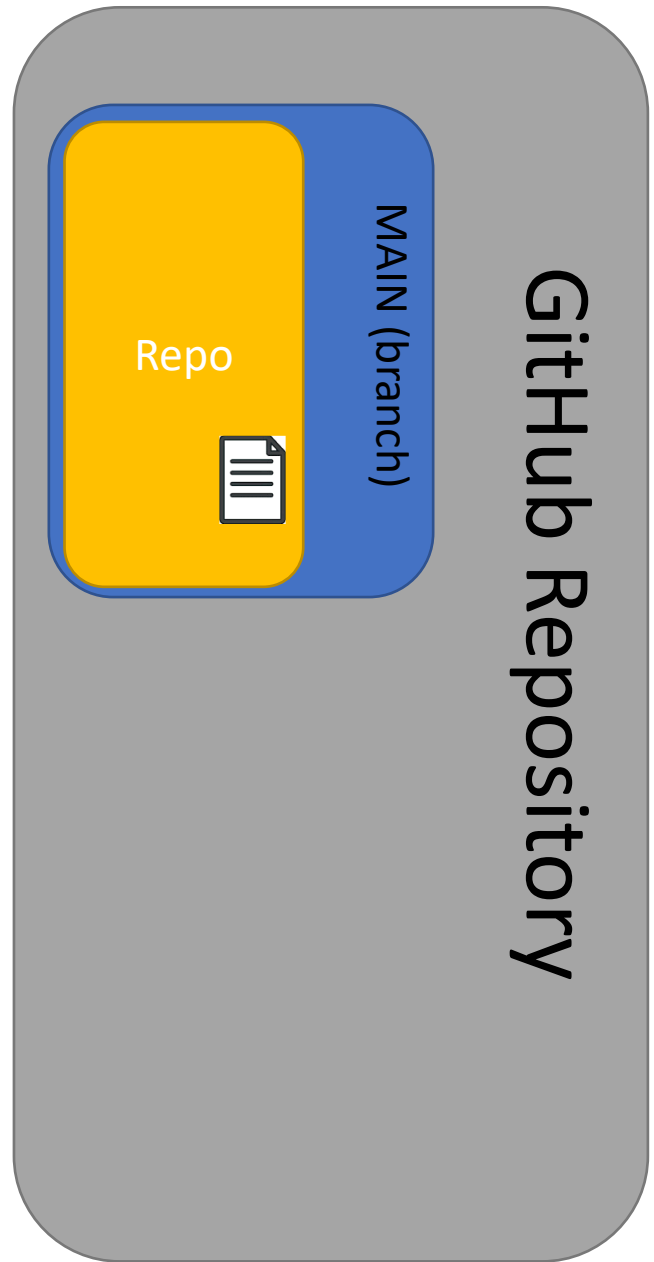
GitHub Repository



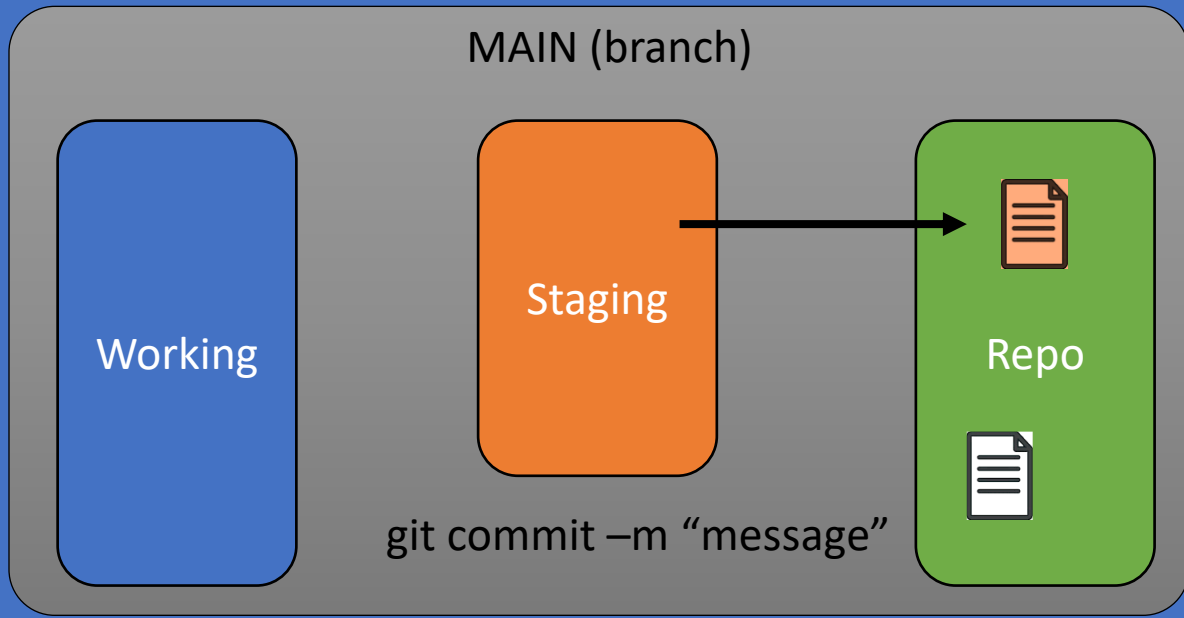
Local Repository



GitHub Repository



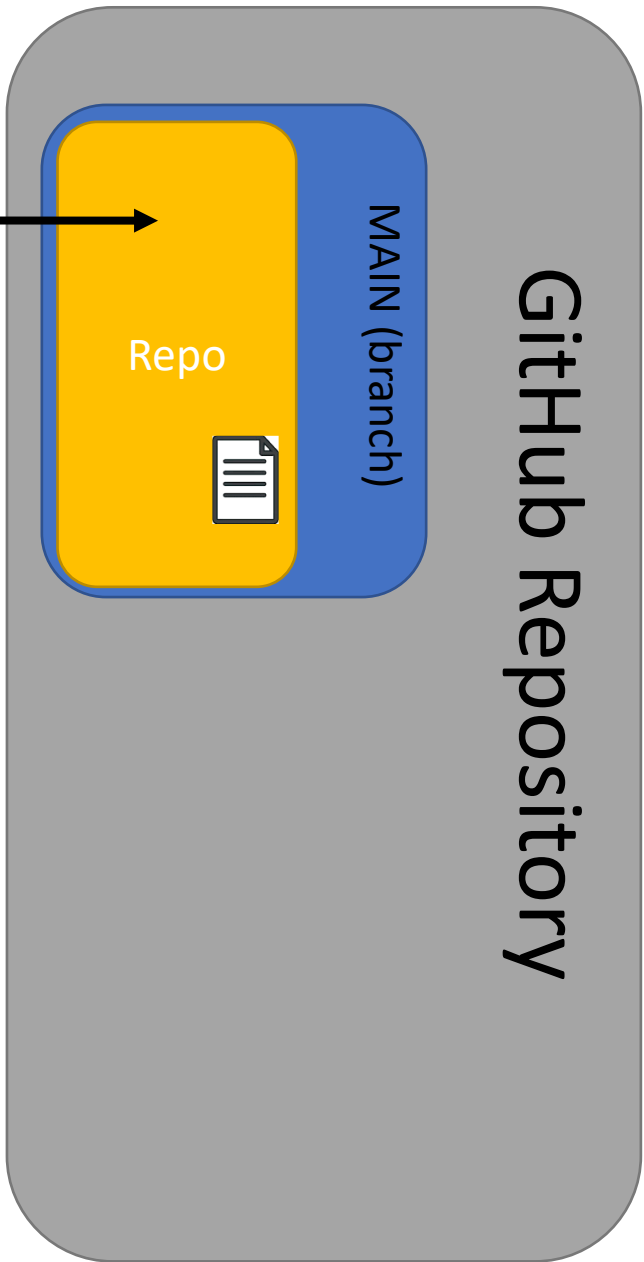
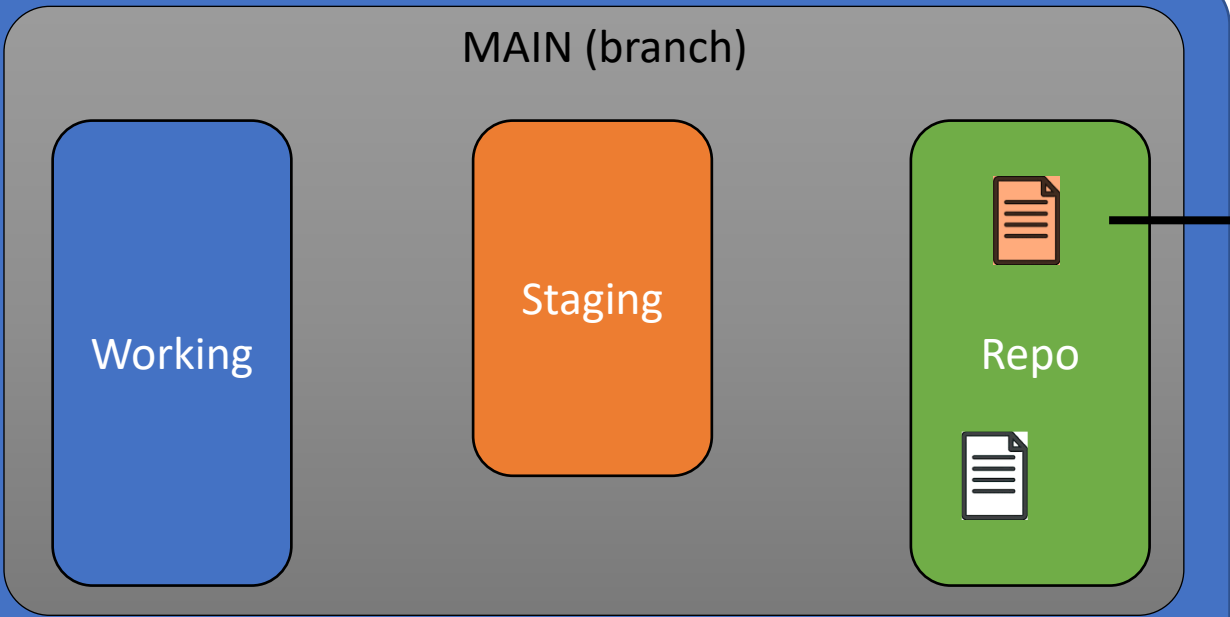
Local Repository



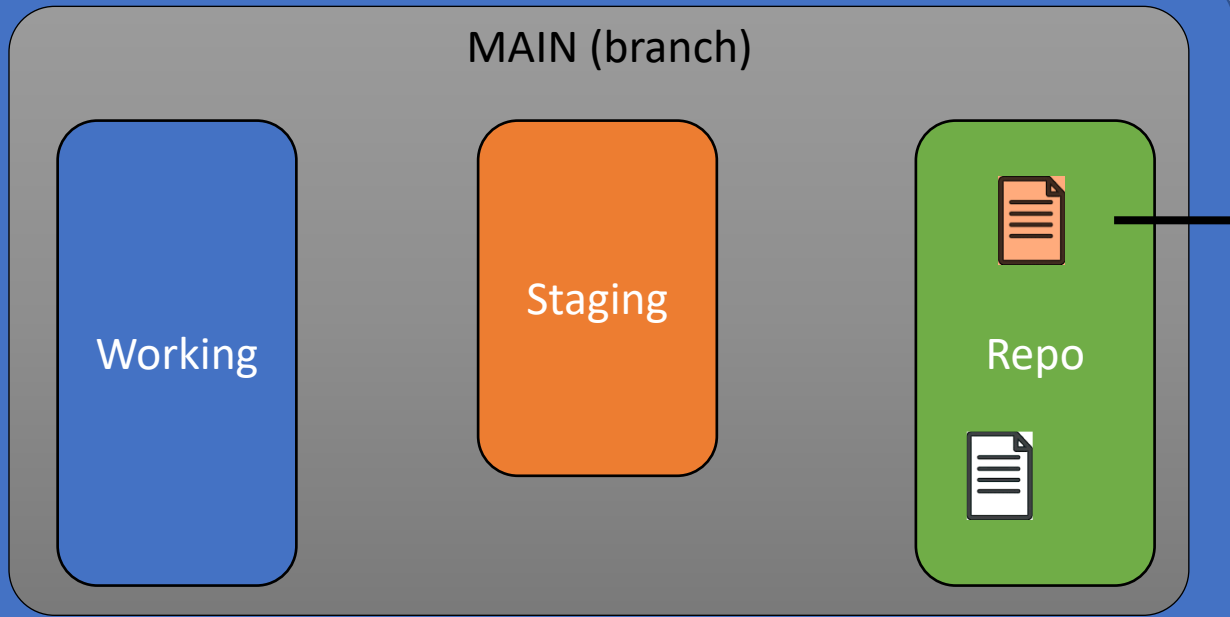
GitHub Repository



Local Repository



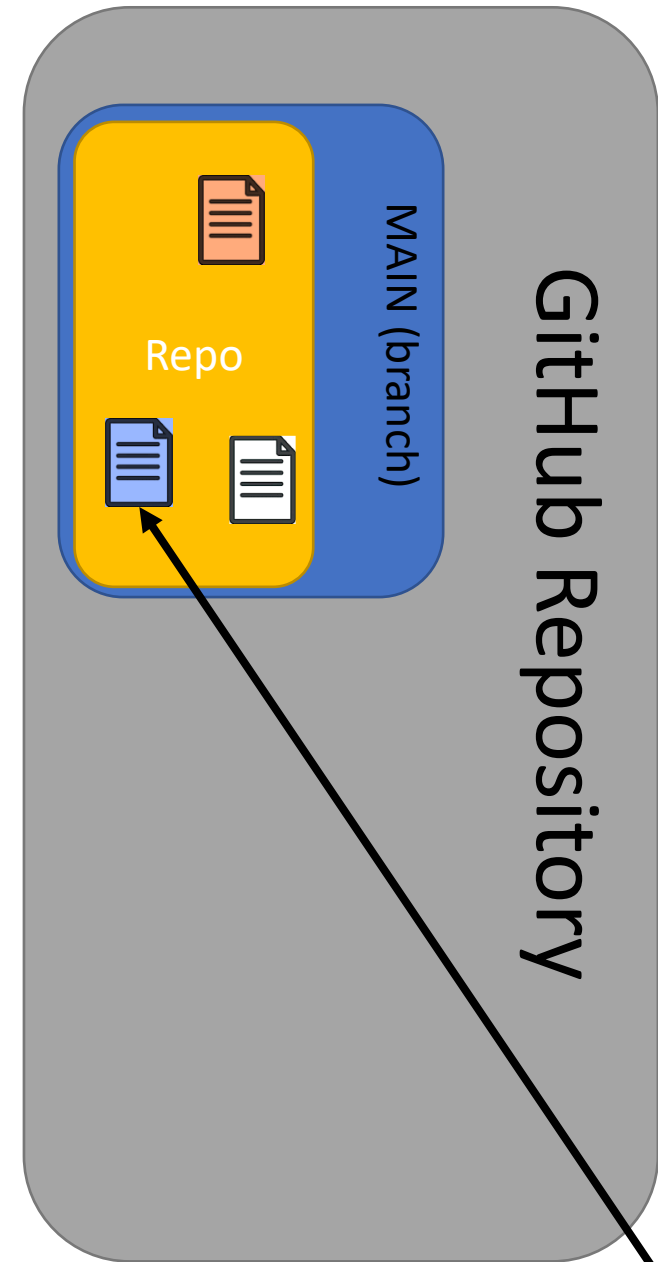
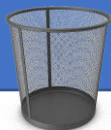
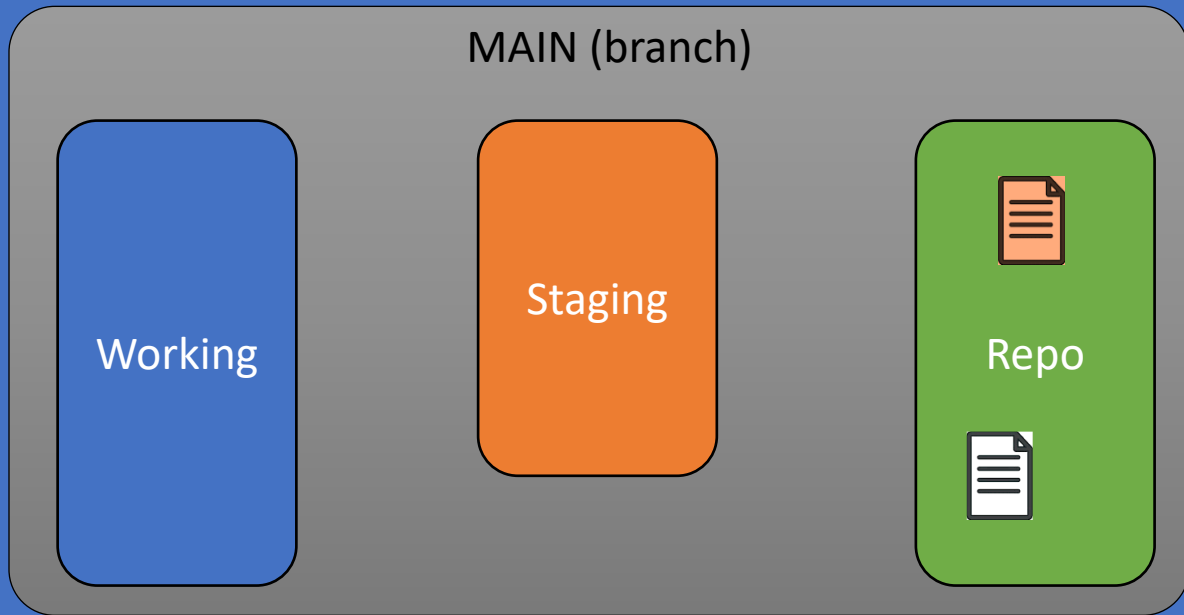
Local Repository



GitHub Repository

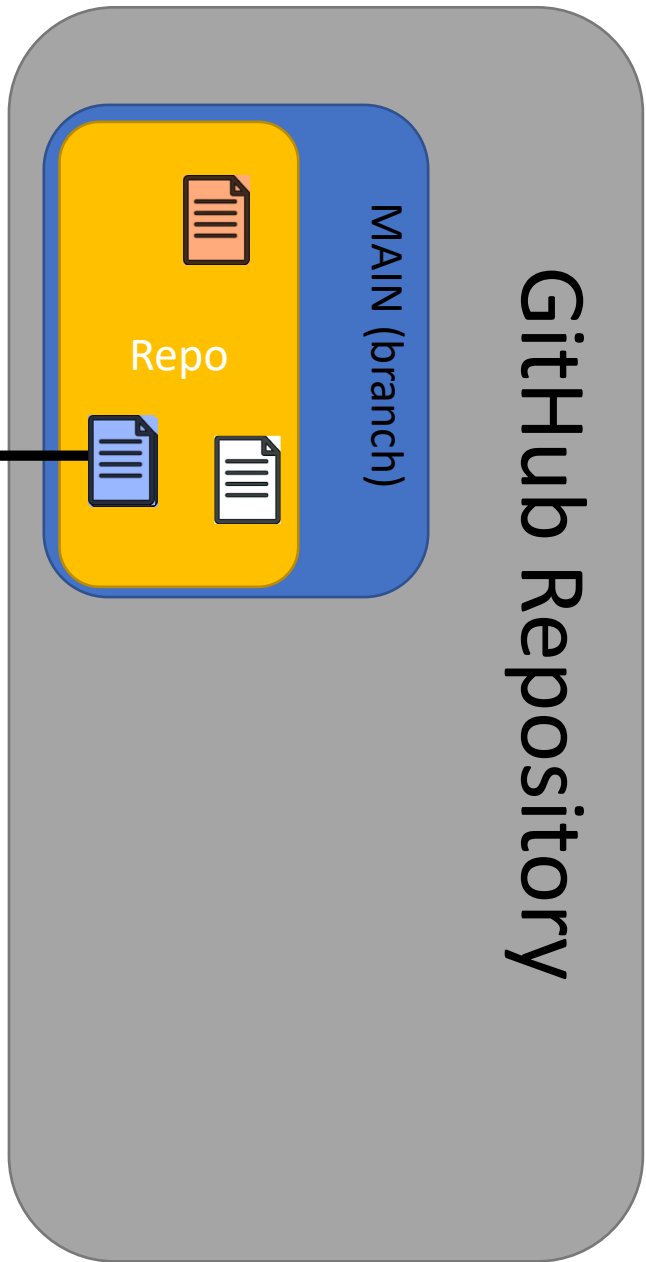
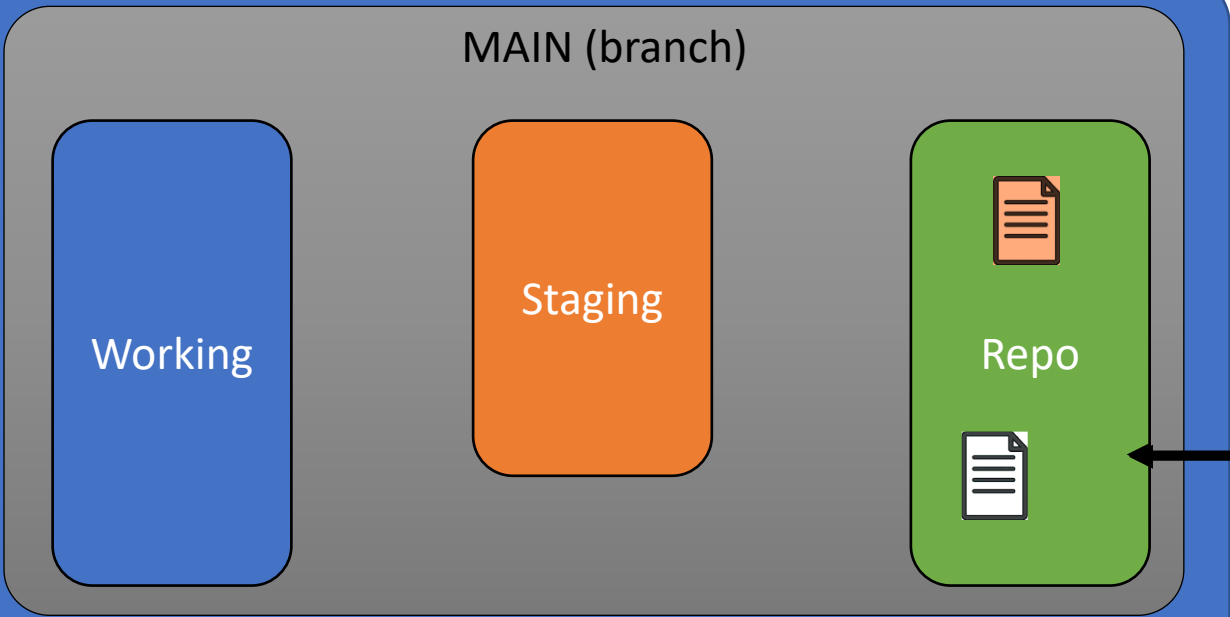


Local Repository



File added by someone else

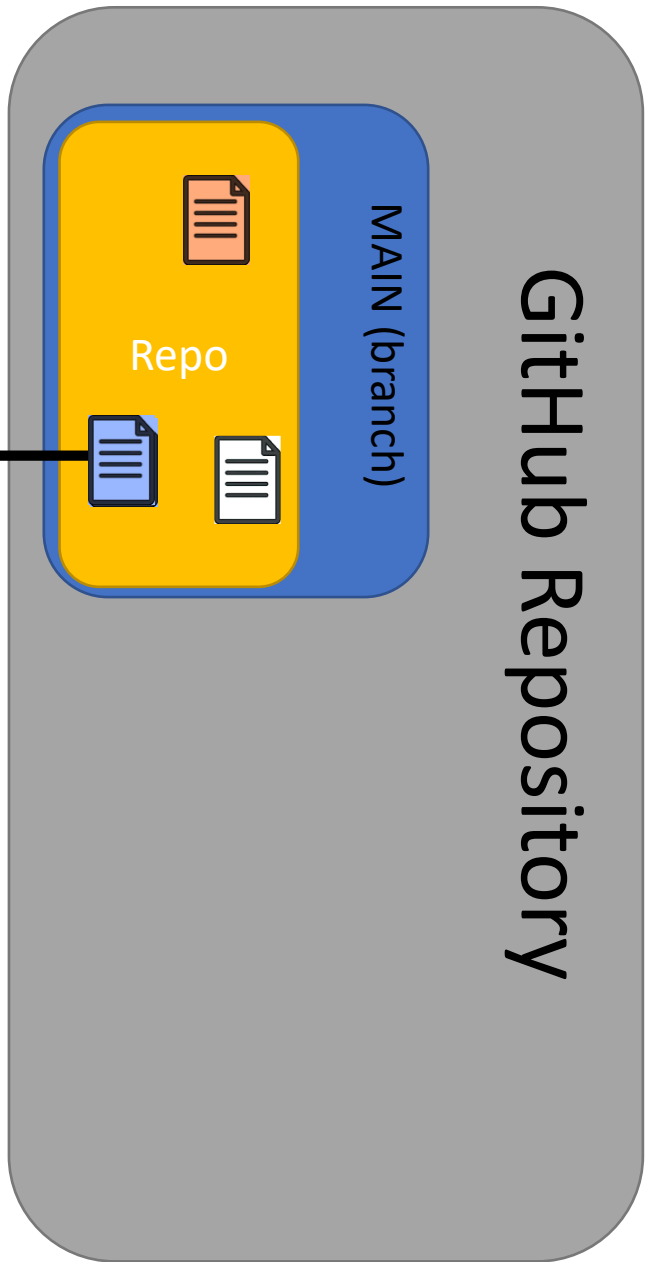
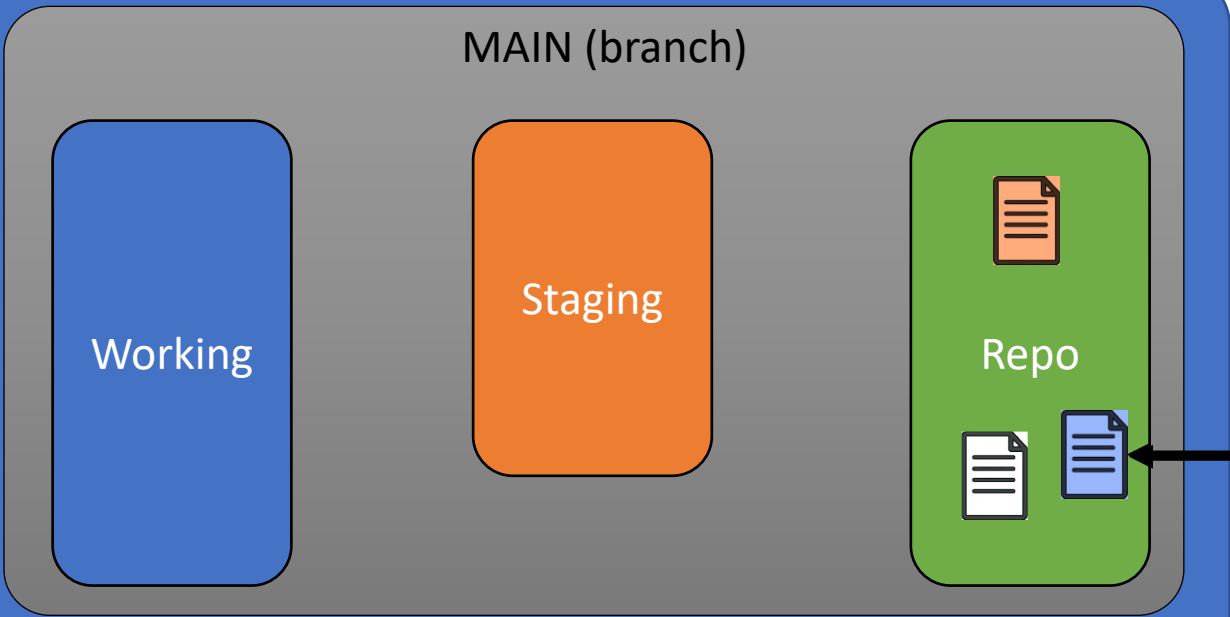
Local Repository



git pull



Local Repository



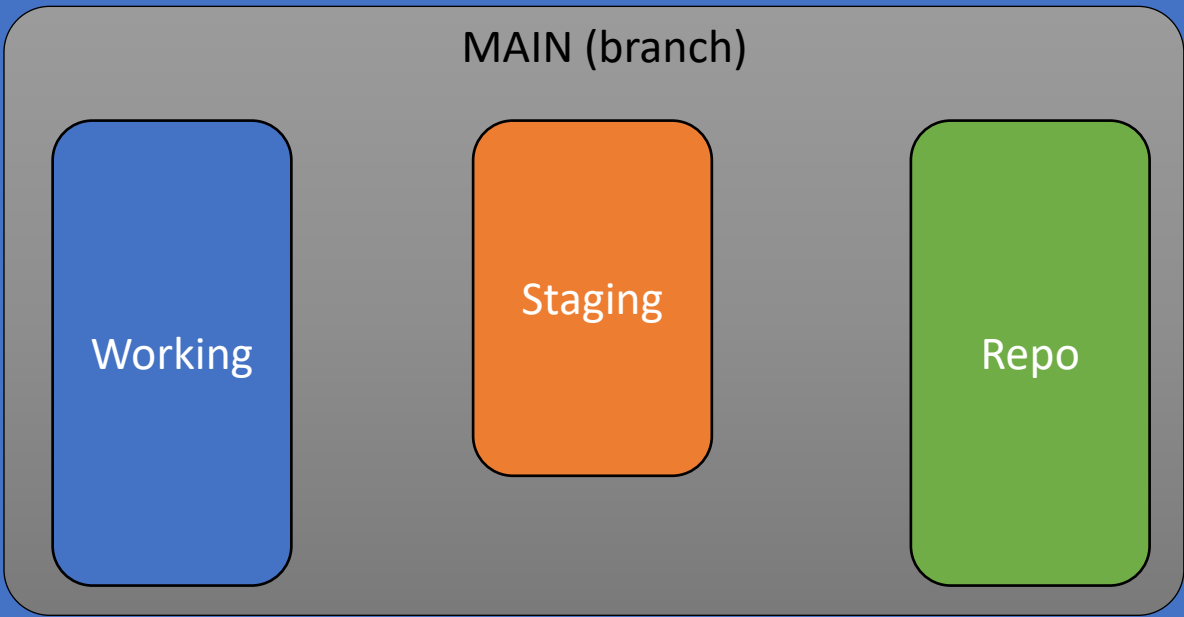
GitHub Repository



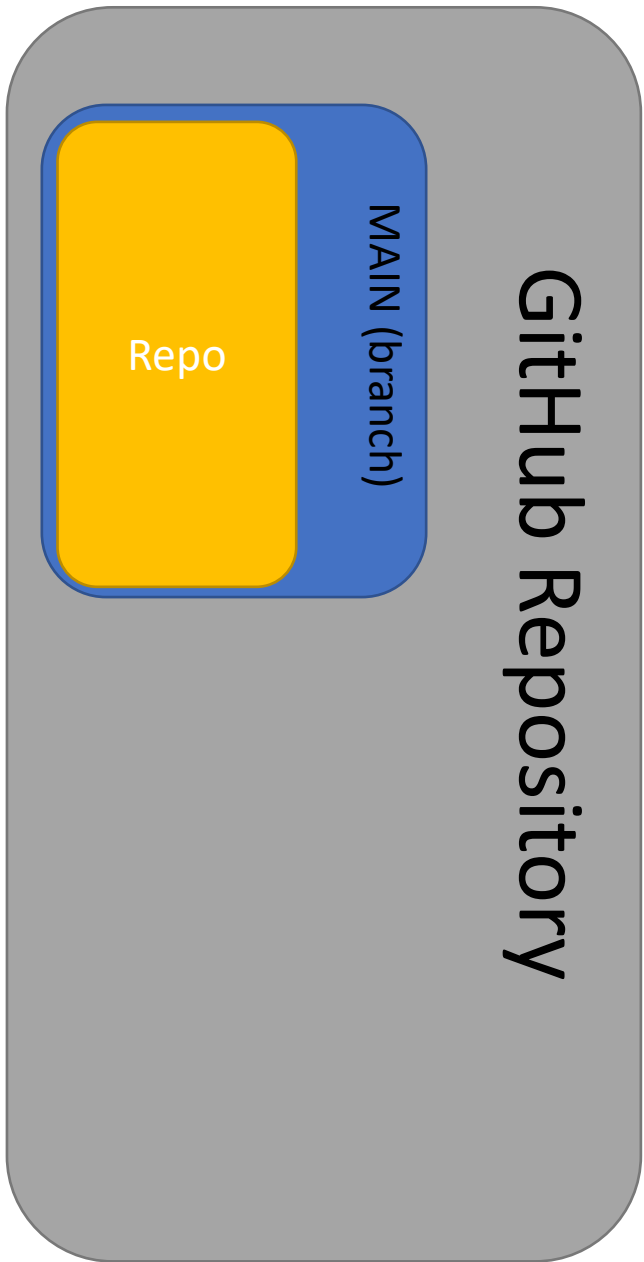
Using git with multiple branches

- git branch *newbranchname*
- git checkout *newbranchname*
- git add . (or git add filename)
- git commit -m "One line description of what was changed"
- git push
- Pull request (*from the GitHub side*)
- Merge (*from the GitHub side*)
- git pull

Local Repository



GitHub Repository



Local Repository

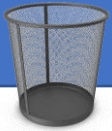
git branch "changes"

Working

MAIN (branch)

Staging

Repo



GitHub Repository

MAIN (branch)

Repo

Local Repository

git branch "changes"

Working

MAIN (branch)

Staging

Repo

Working

Staging

Repo

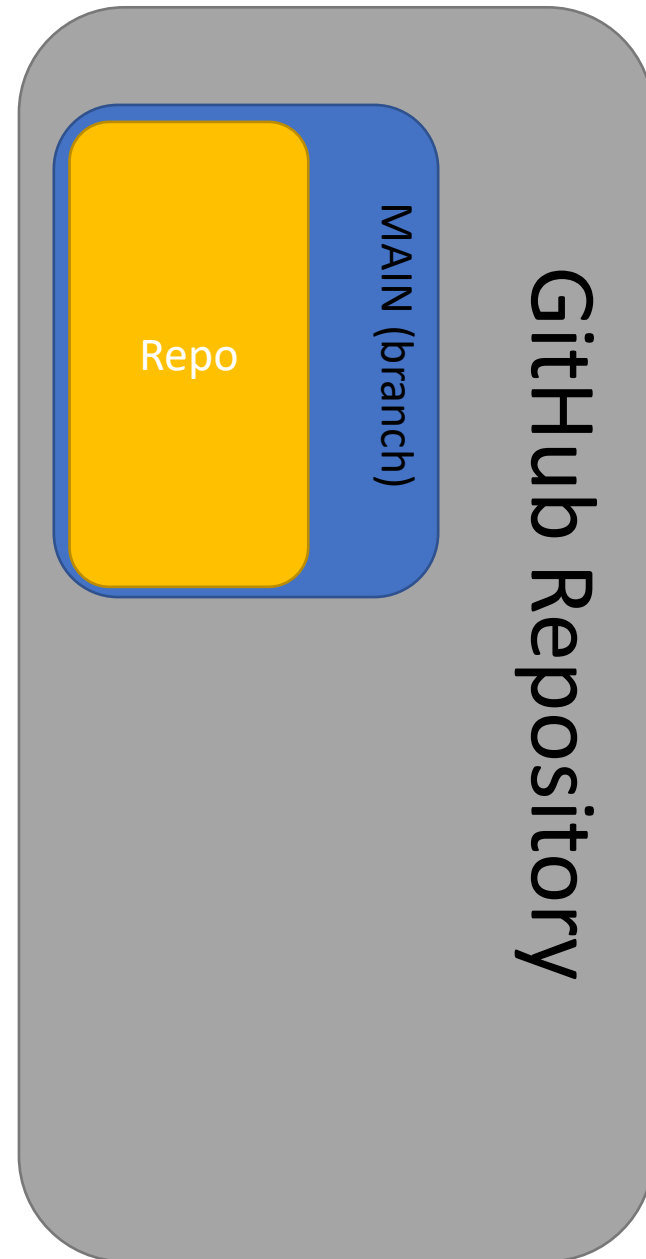
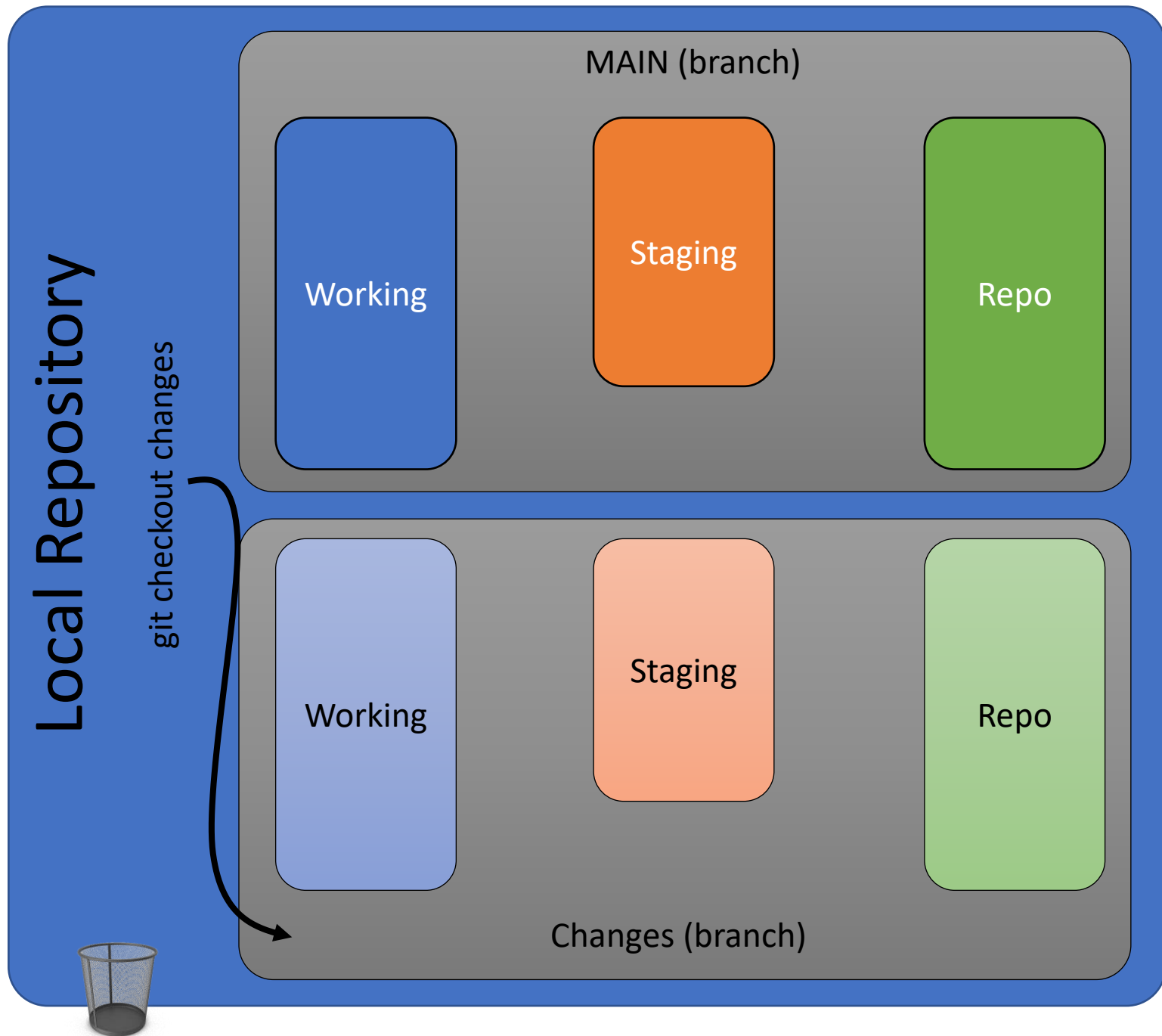
Changes (branch)



Repo

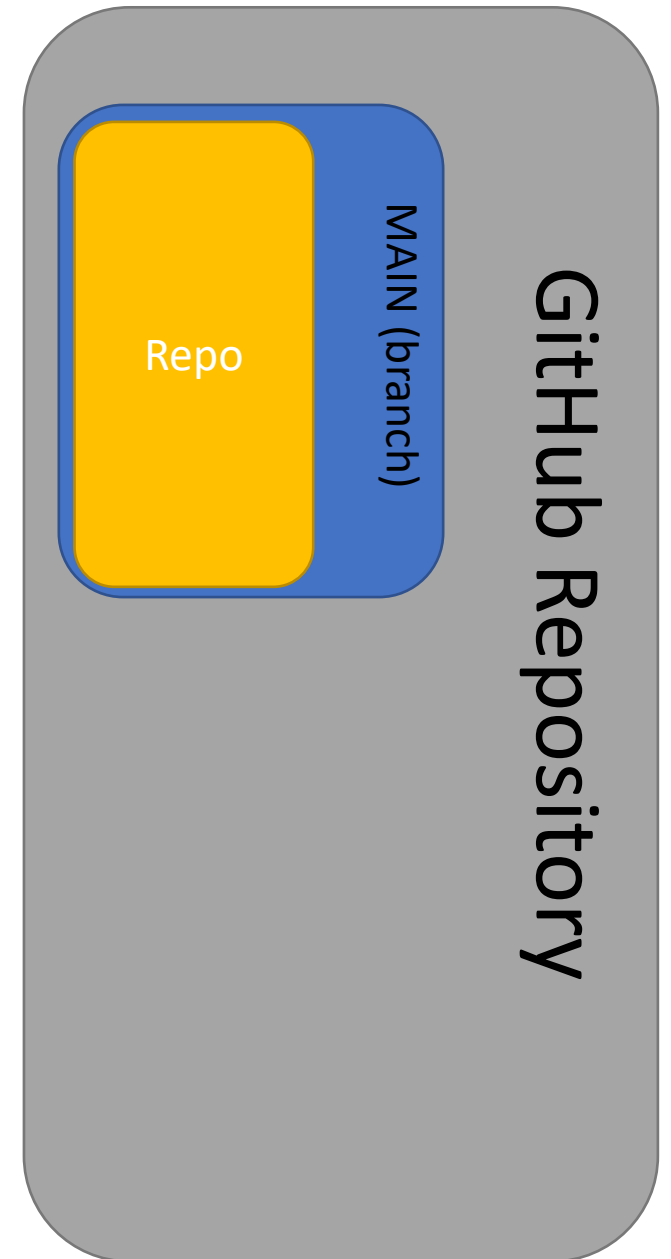
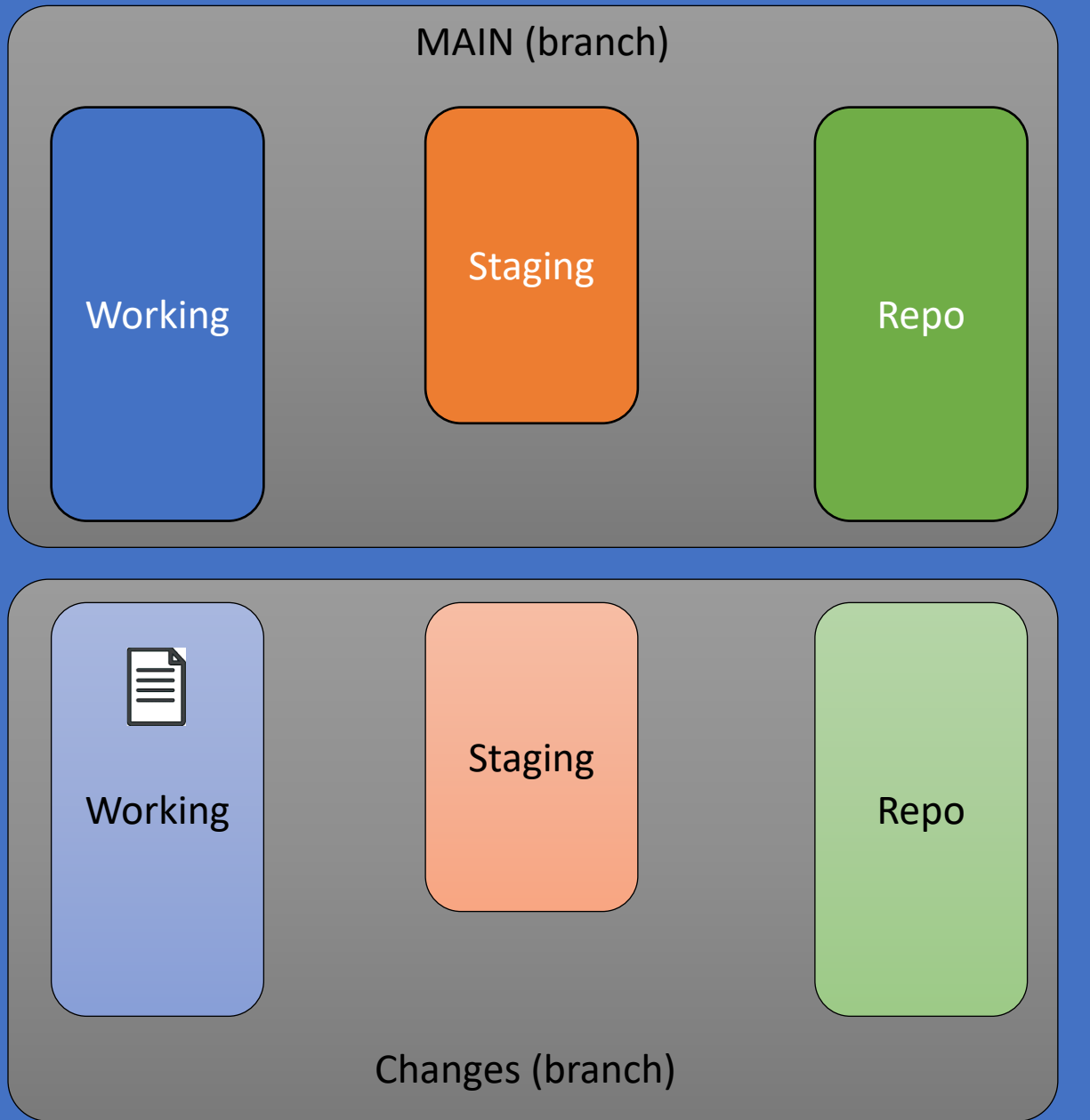
MAIN (branch)

GitHub Repository

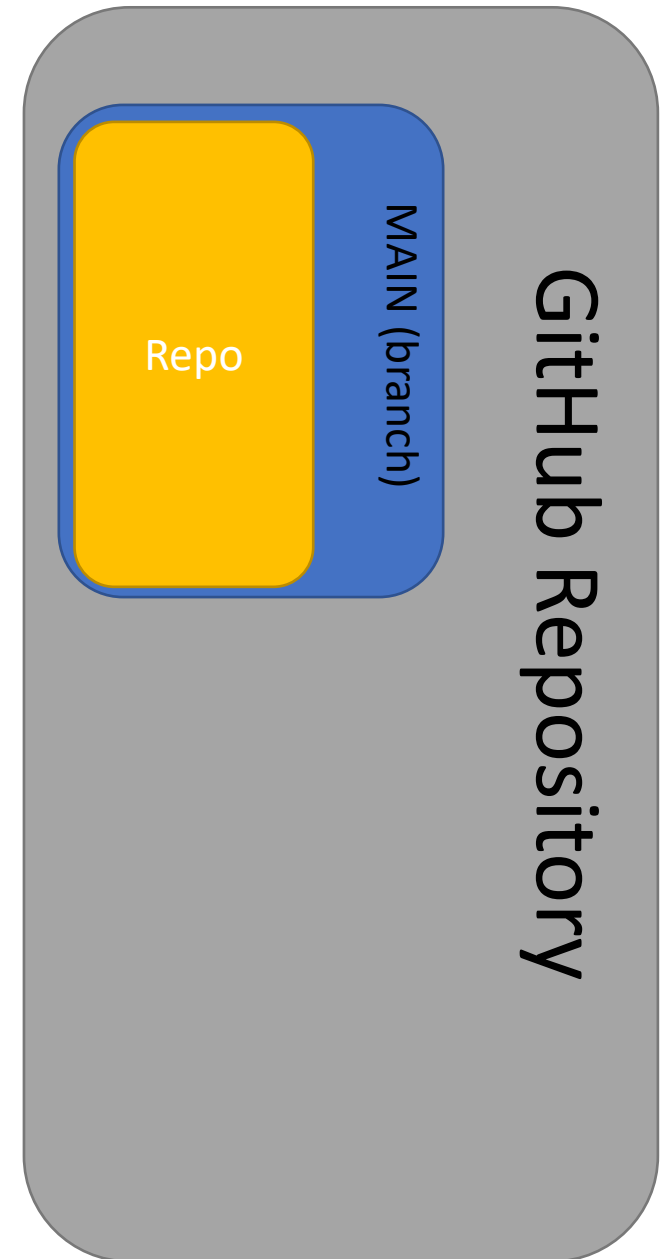
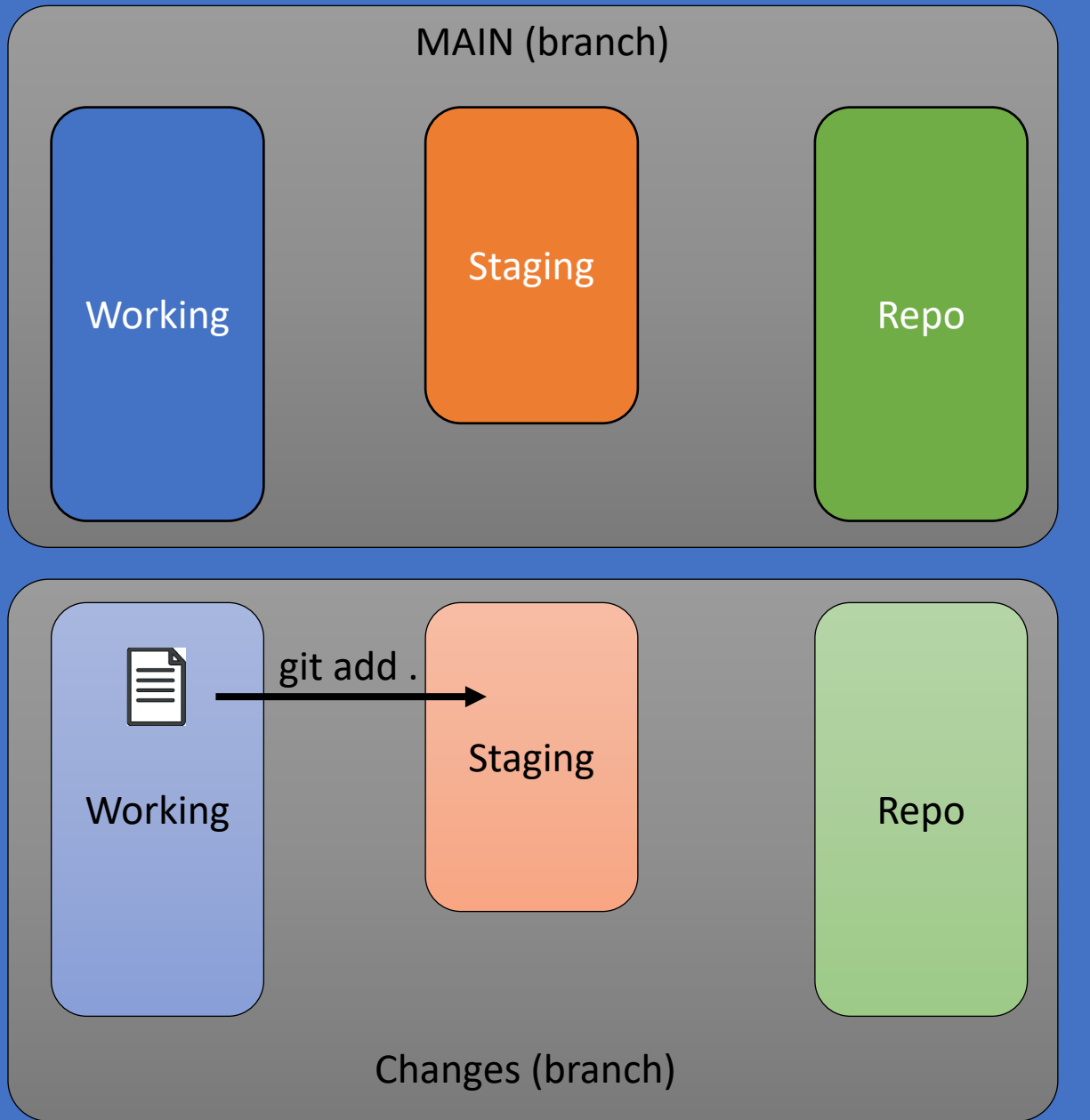


GitHub Repository

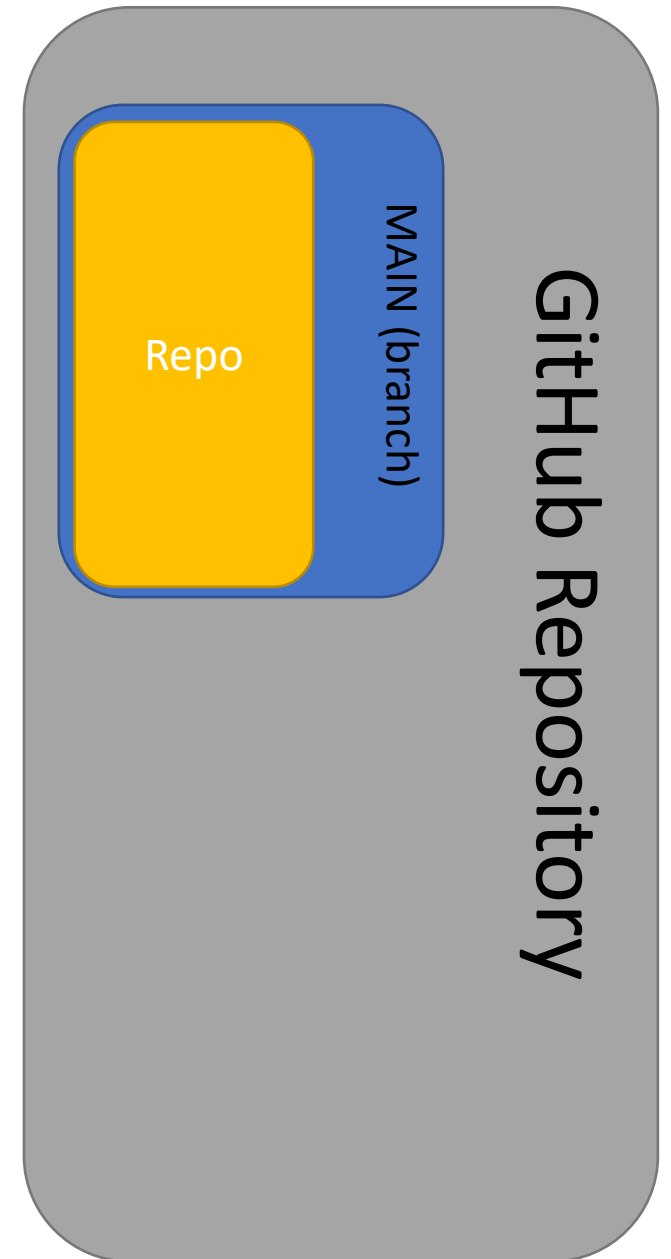
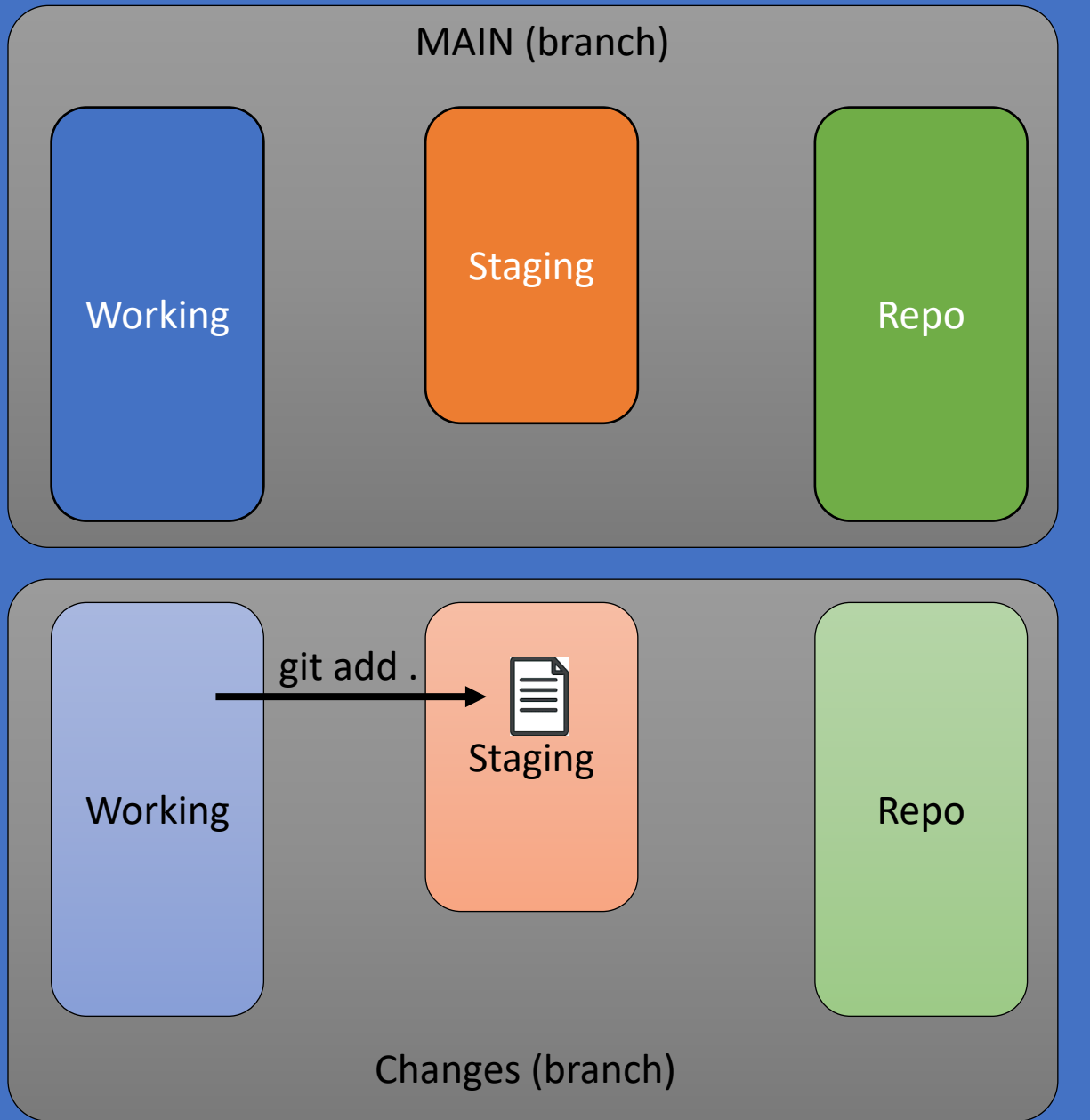
Local Repository



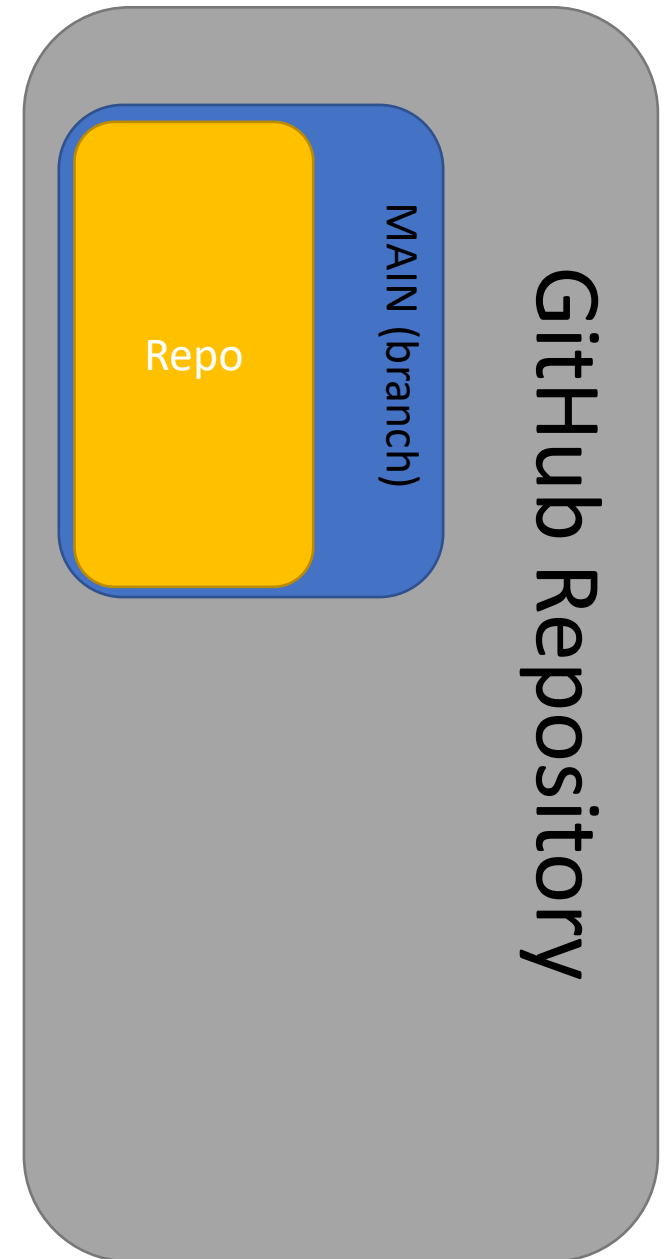
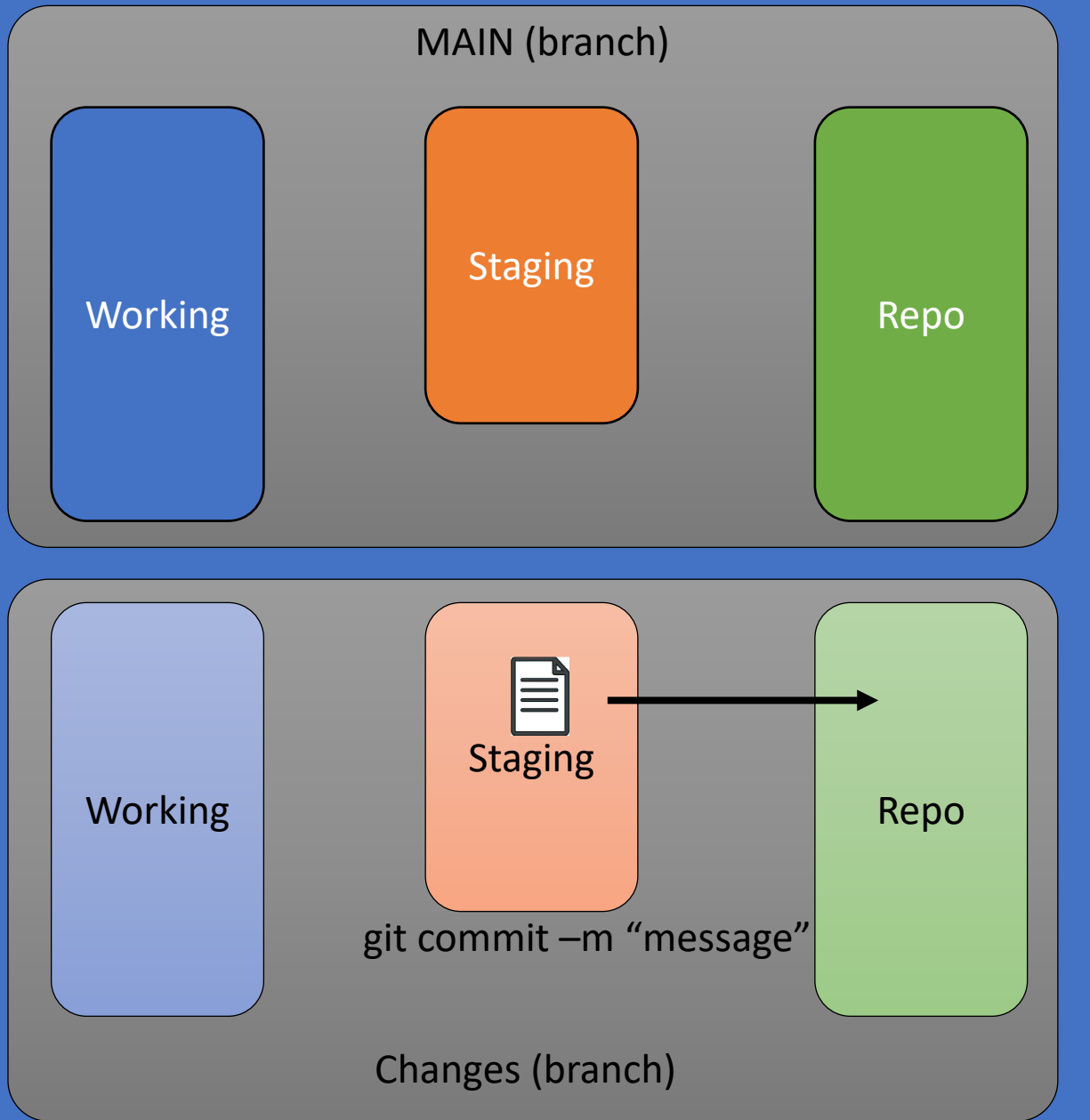
Local Repository



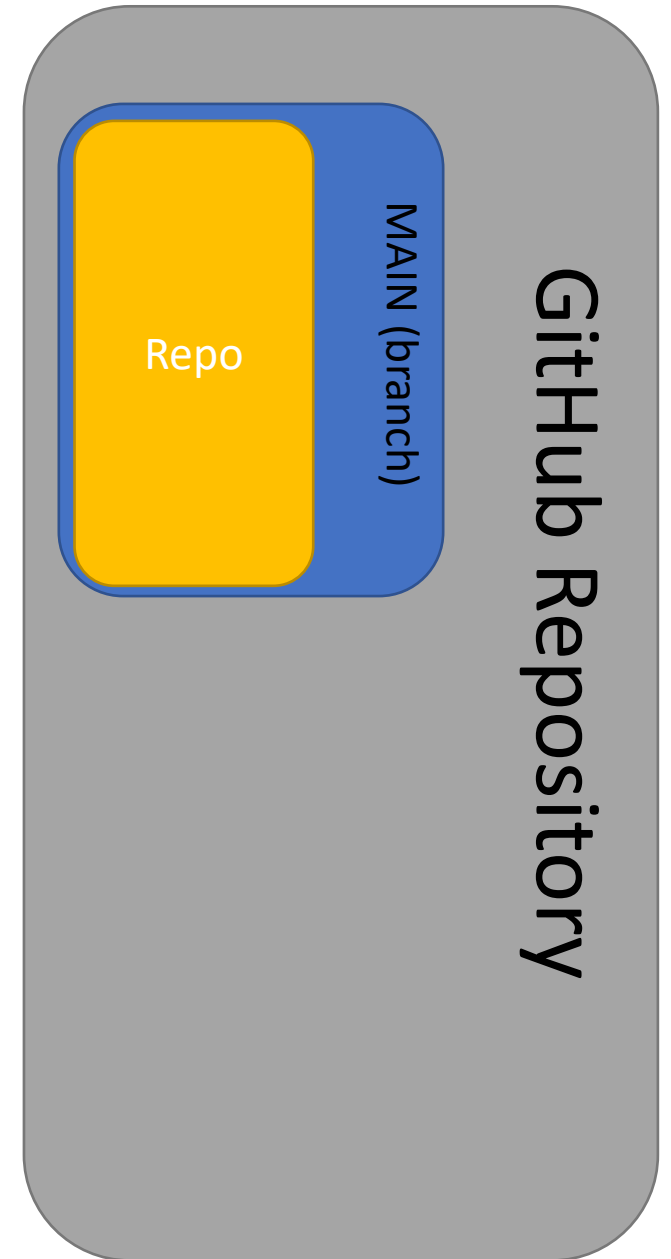
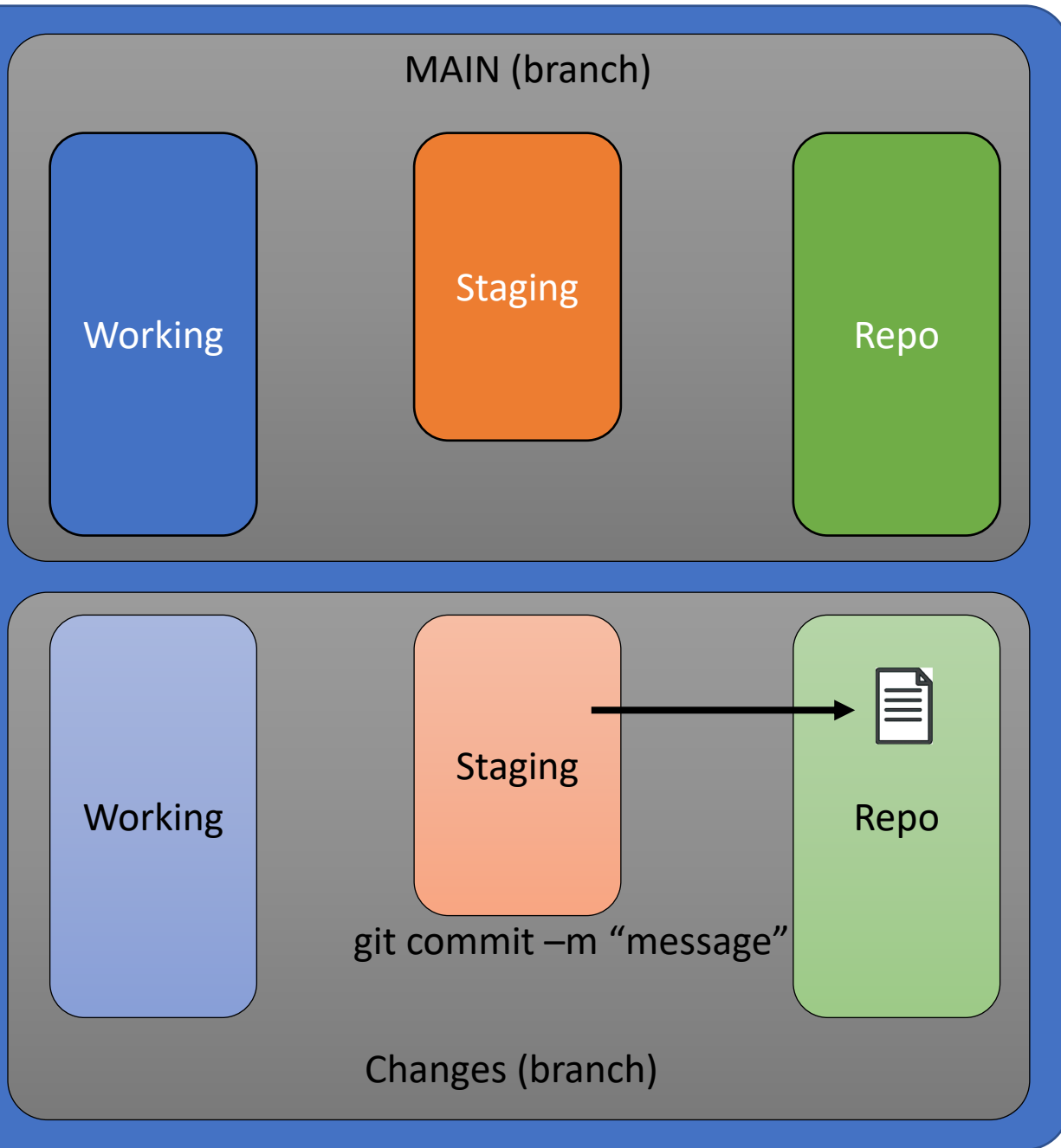
Local Repository

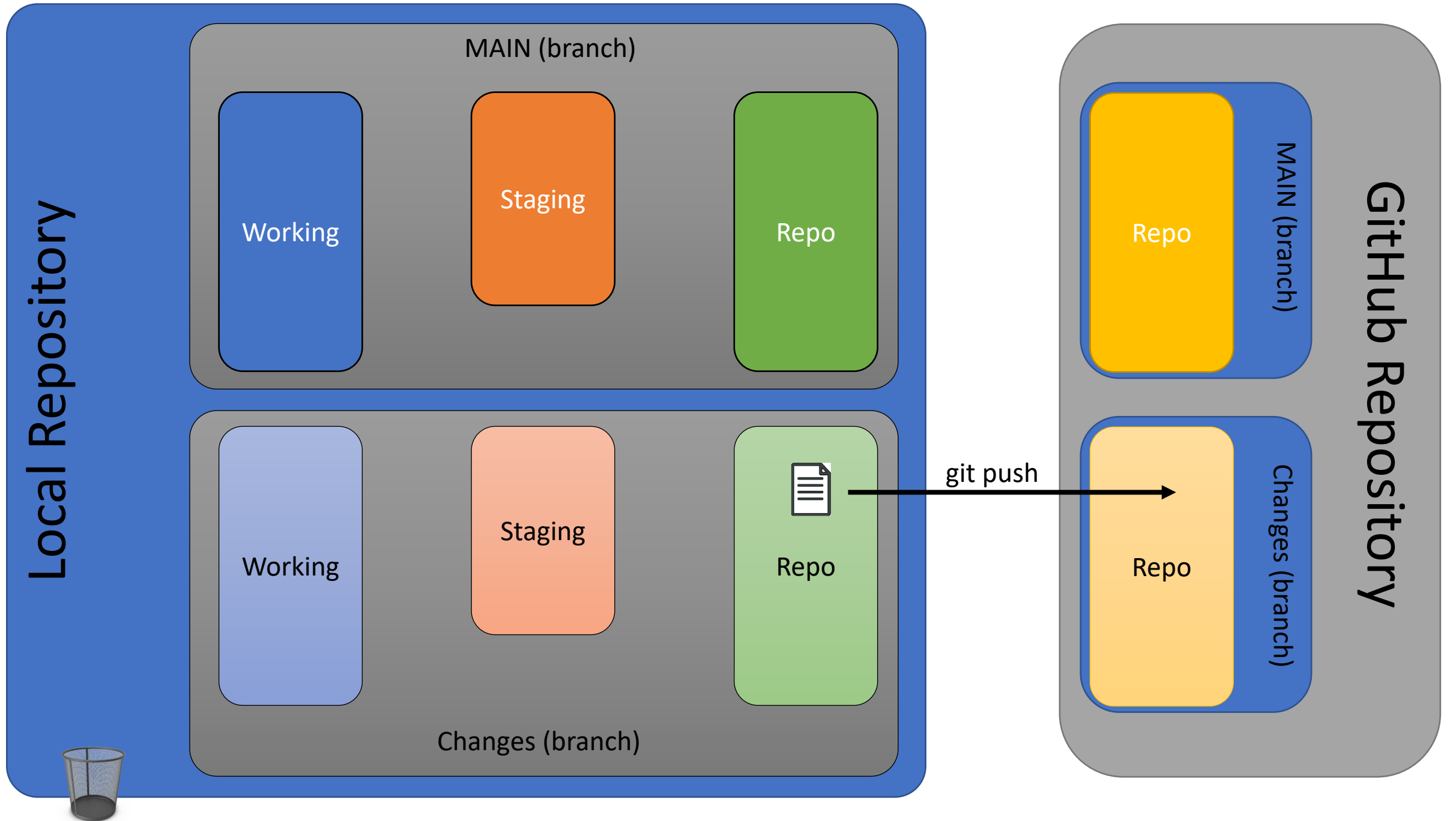


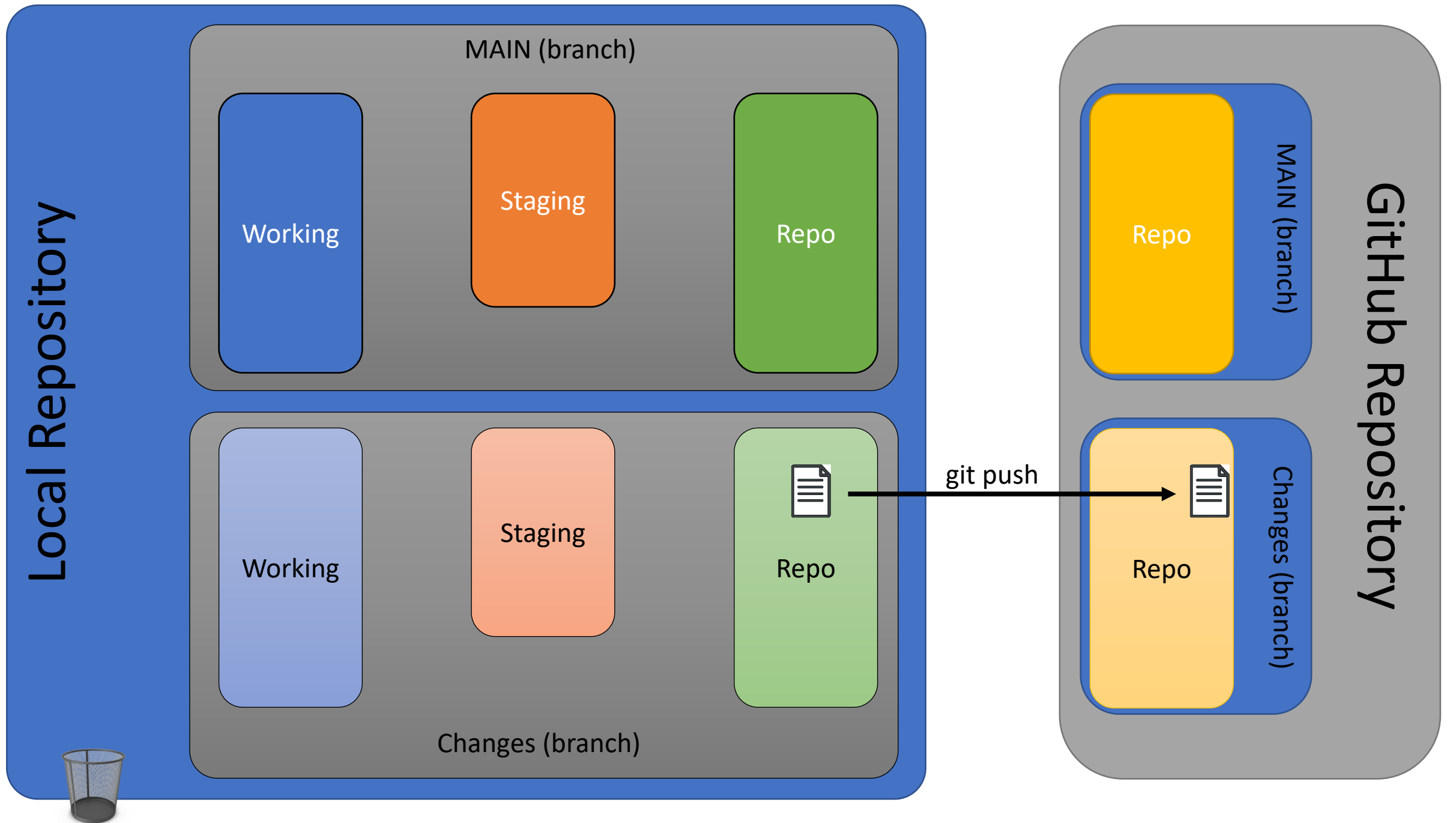
Local Repository



Local Repository







Local Repository

MAIN (branch)

Working

Staging

Repo

Working

Staging

Repo

Changes (branch)



GitHub Repository

MAIN (branch)

Repo

Changes (branch)

Make
Pull
Request
Repo



Local Repository

MAIN (branch)

Working

Staging

Repo

Working

Staging

Repo

Changes (branch)



GitHub Repository

MAIN (branch)

Repo

Changes (branch)

Repo

merge



Local Repository

MAIN (branch)

Working

Staging

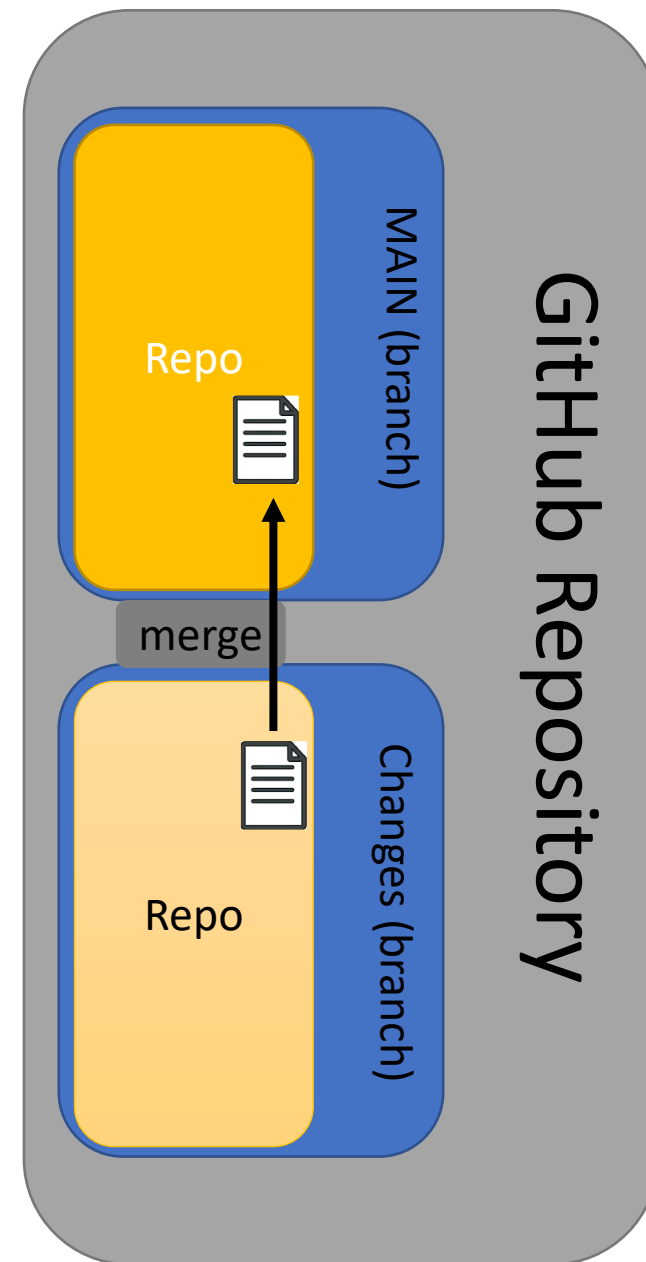
Repo

Working

Staging

Repo

Changes (branch)



Local Repository

MAIN (branch)

Working

Staging

Repo

Working

Staging

Repo

Changes (branch)

git pull

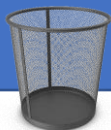
Repo

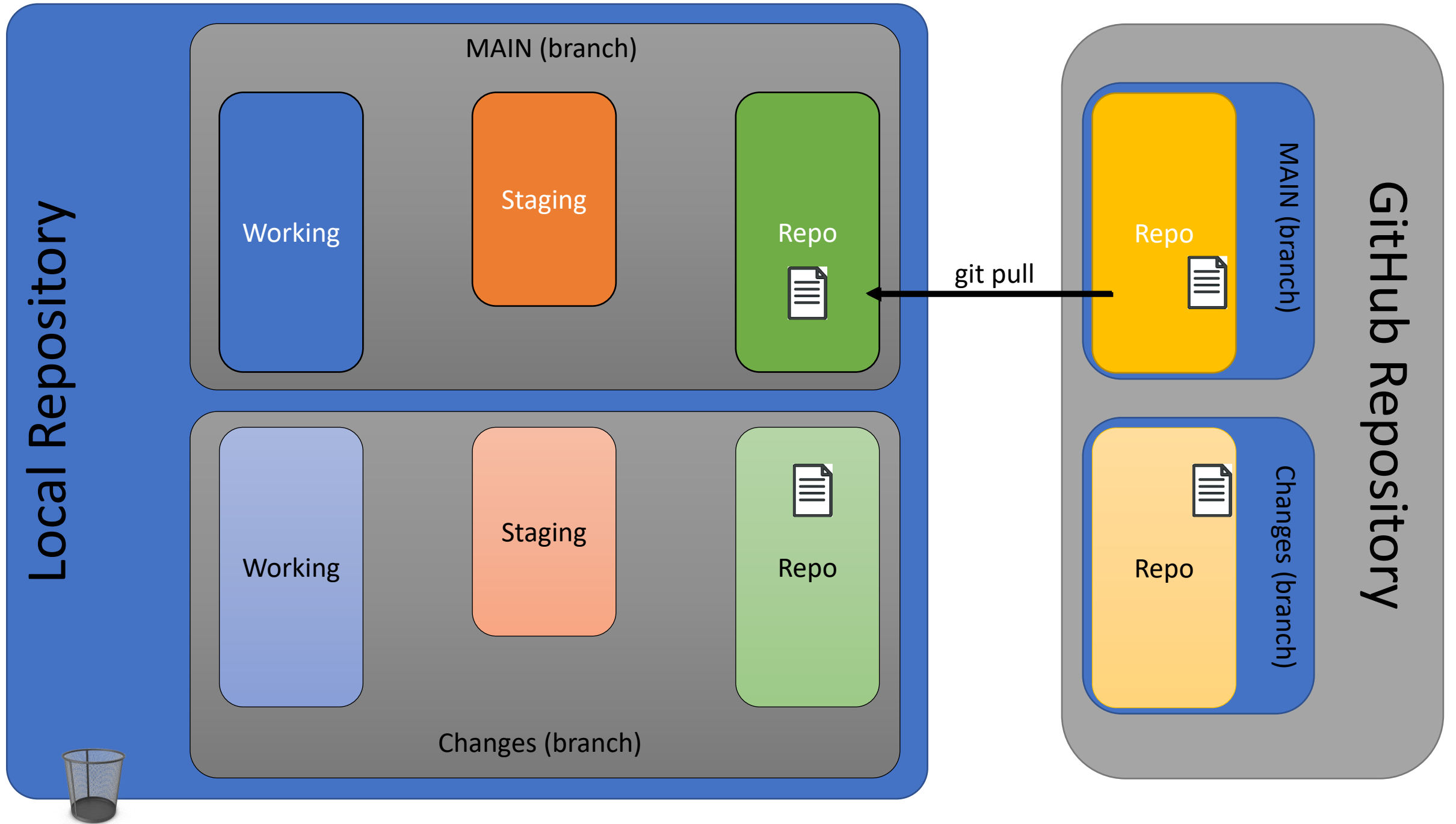
MAIN (branch)

Repo

Changes (branch)

GitHub Repository





Local Repository

MAIN (branch)

Working

Staging

Repo



Working

Staging

Repo



Changes (branch)



GitHub Repository

MAIN (branch)

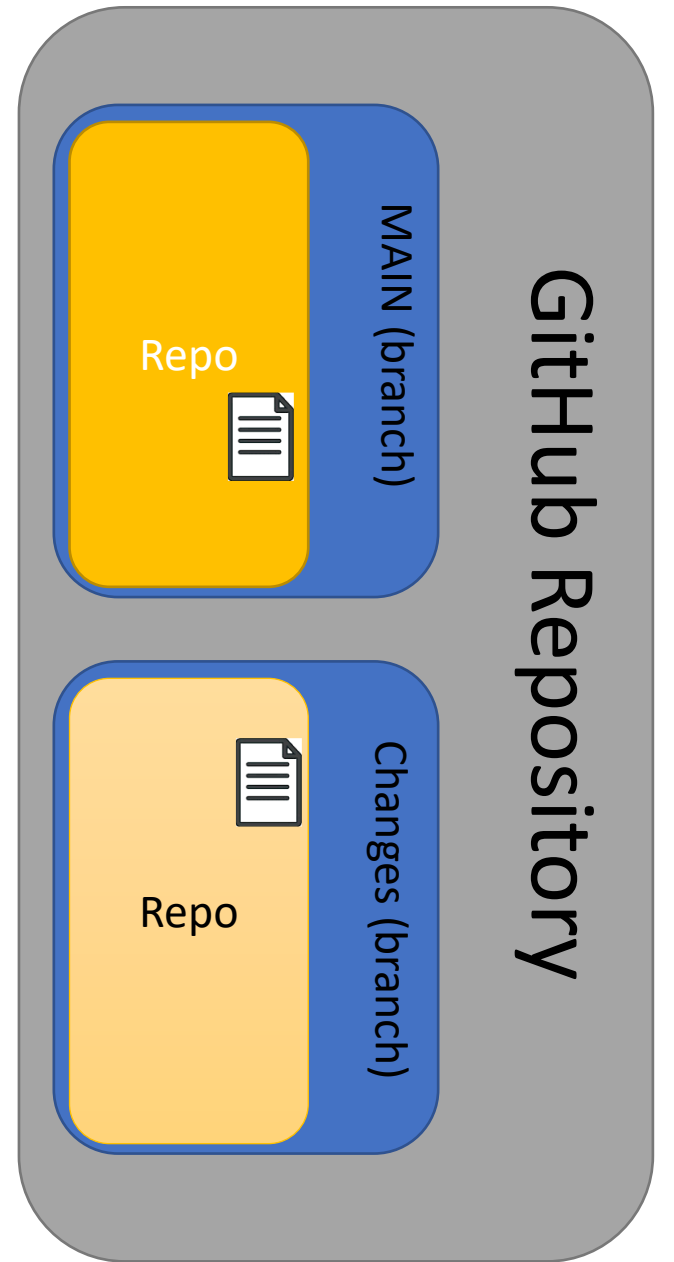
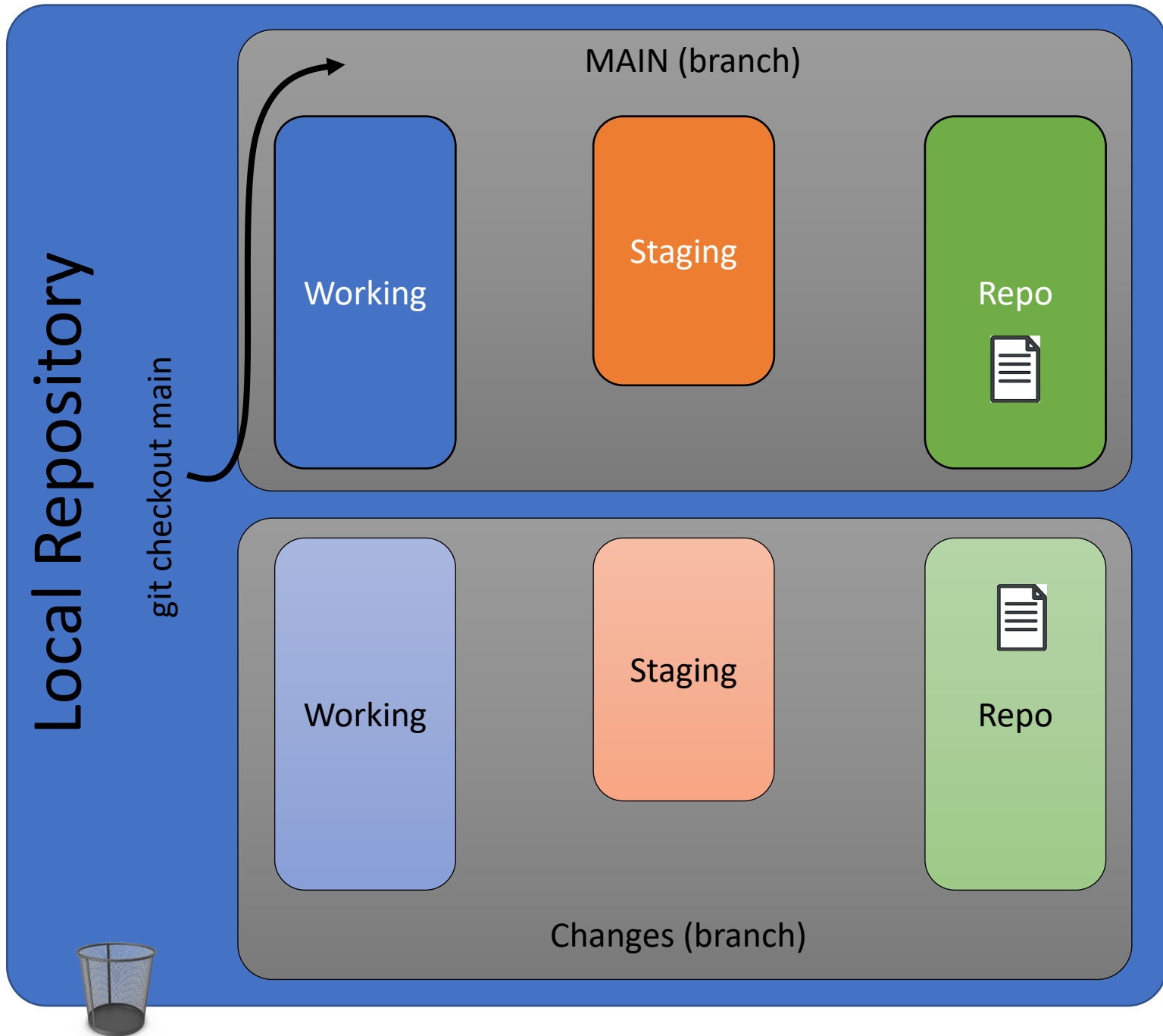
Repo



Changes (branch)

Repo





Local Repository

MAIN (branch)

Working

Staging

Repo



Working

Staging

Repo



Changes (branch)



GitHub Repository

MAIN (branch)

Repo



Changes (branch)

Repo



Local Repository

MAIN (branch)

Working

Staging

Repo



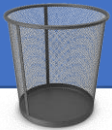
Working

Staging

Repo



Changes (branch)



GitHub Repository

MAIN (branch)

Repo



Local Repository

git checkout -d changes

Working

MAIN (branch)

Staging

Repo

Working

Staging

Repo

Changes (branch)

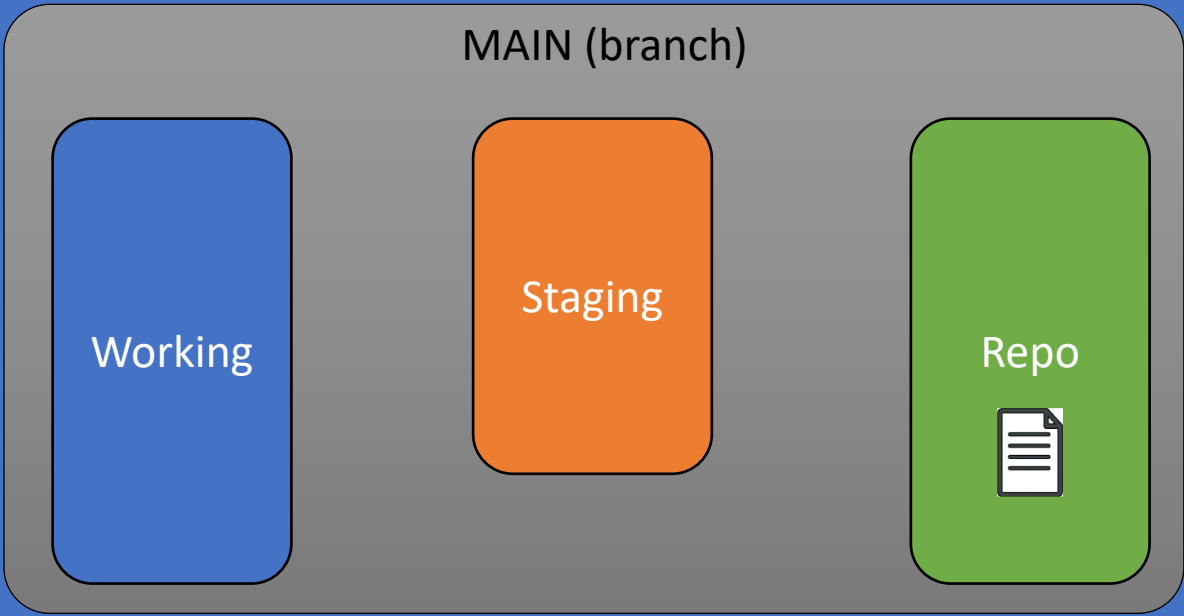


Repo

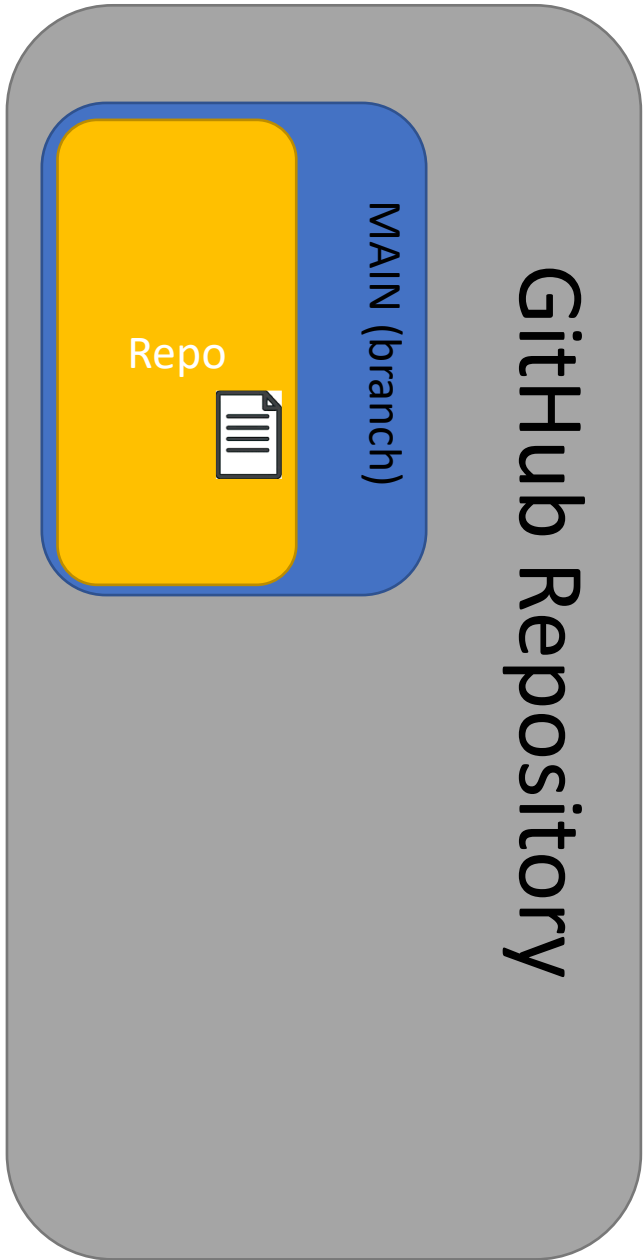
MAIN (branch)

GitHub Repository

Local Repository

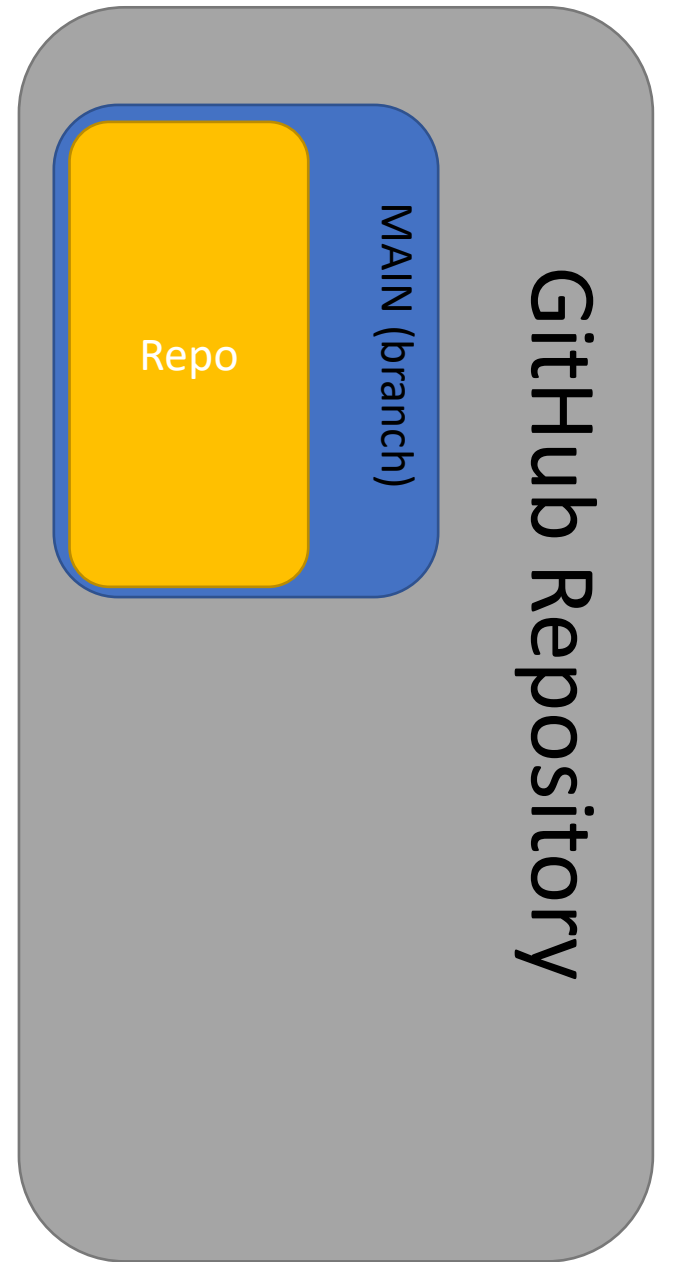
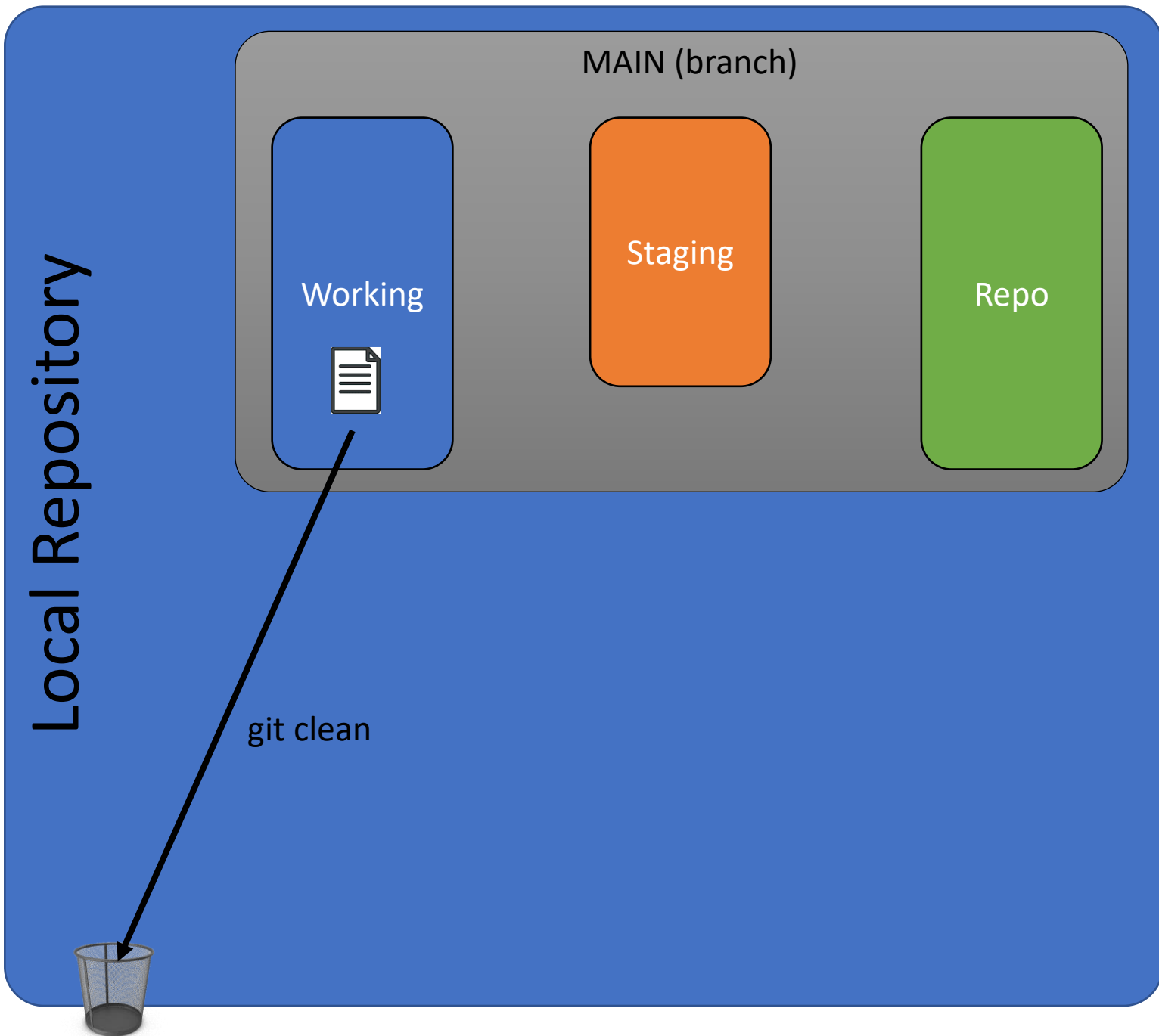


GitHub Repository

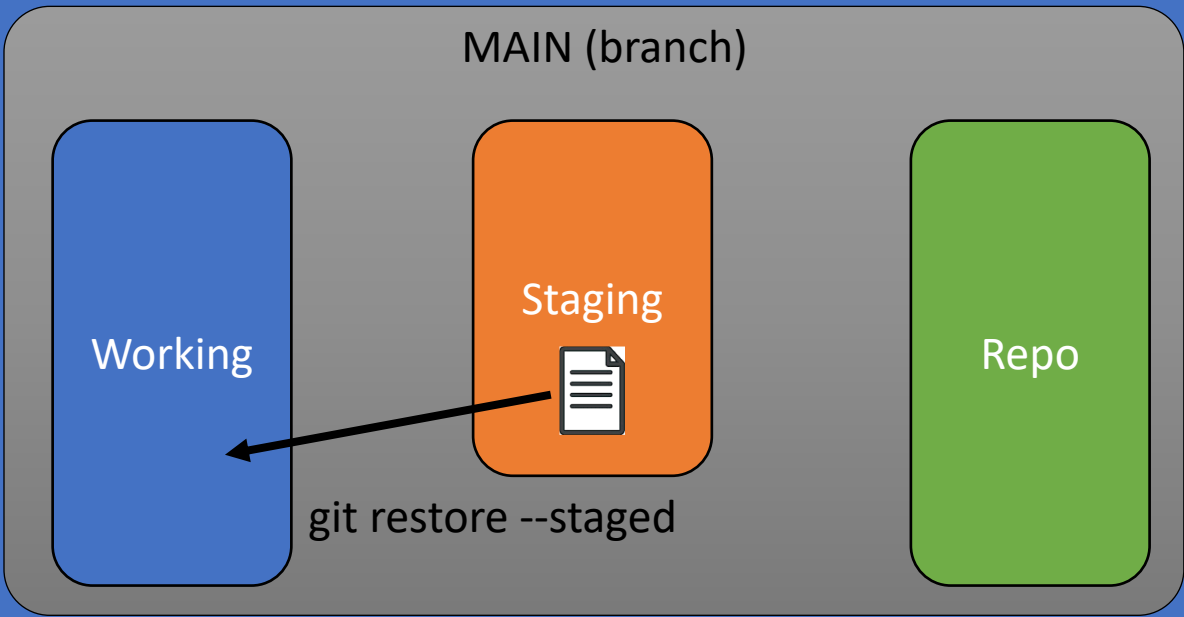


Reverse git commands

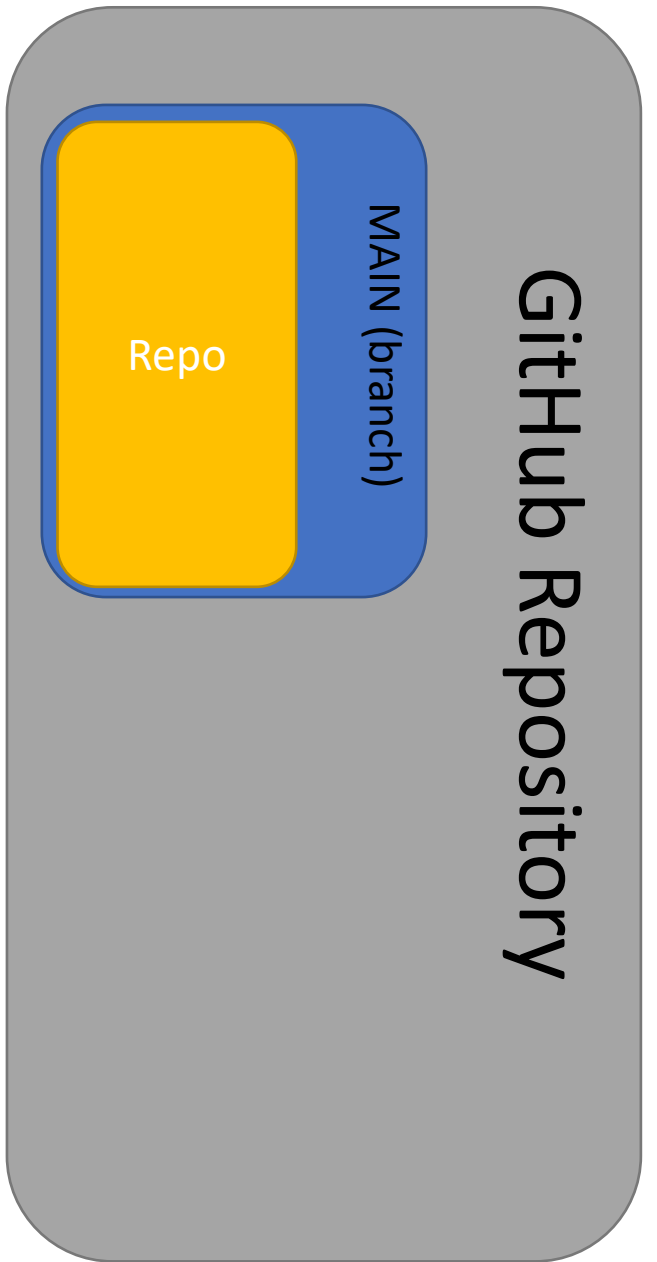
- git clean
- git restore
- git reset

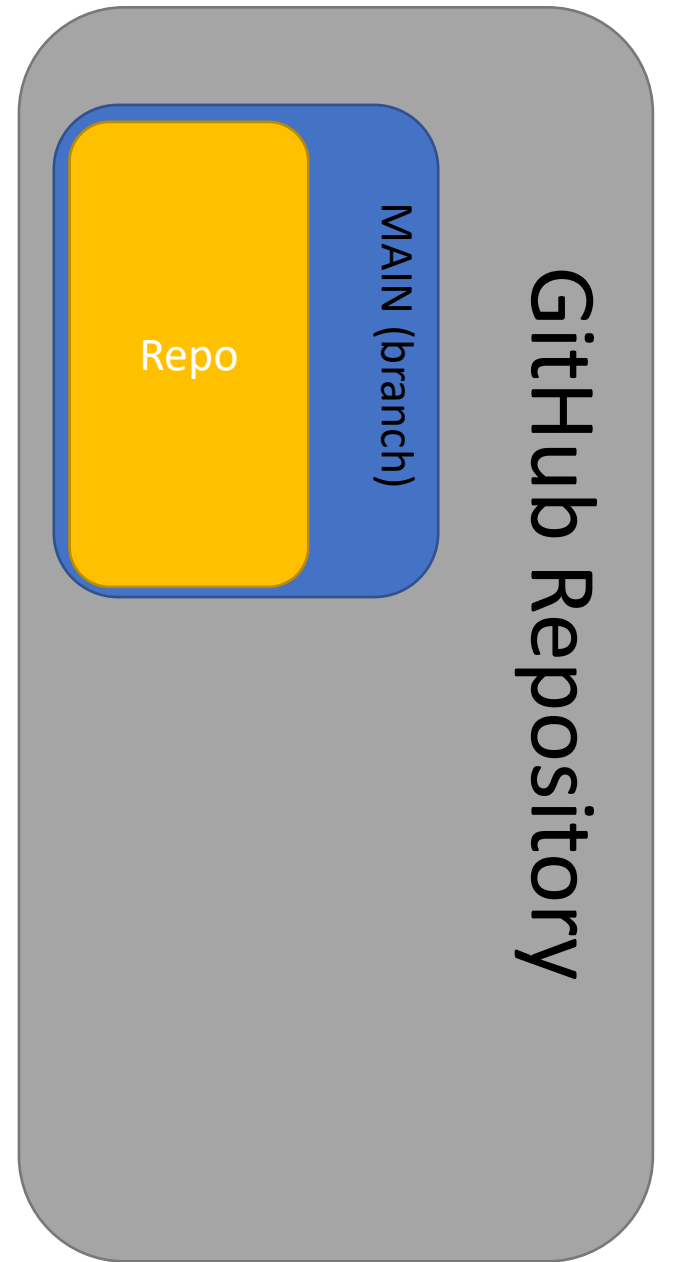
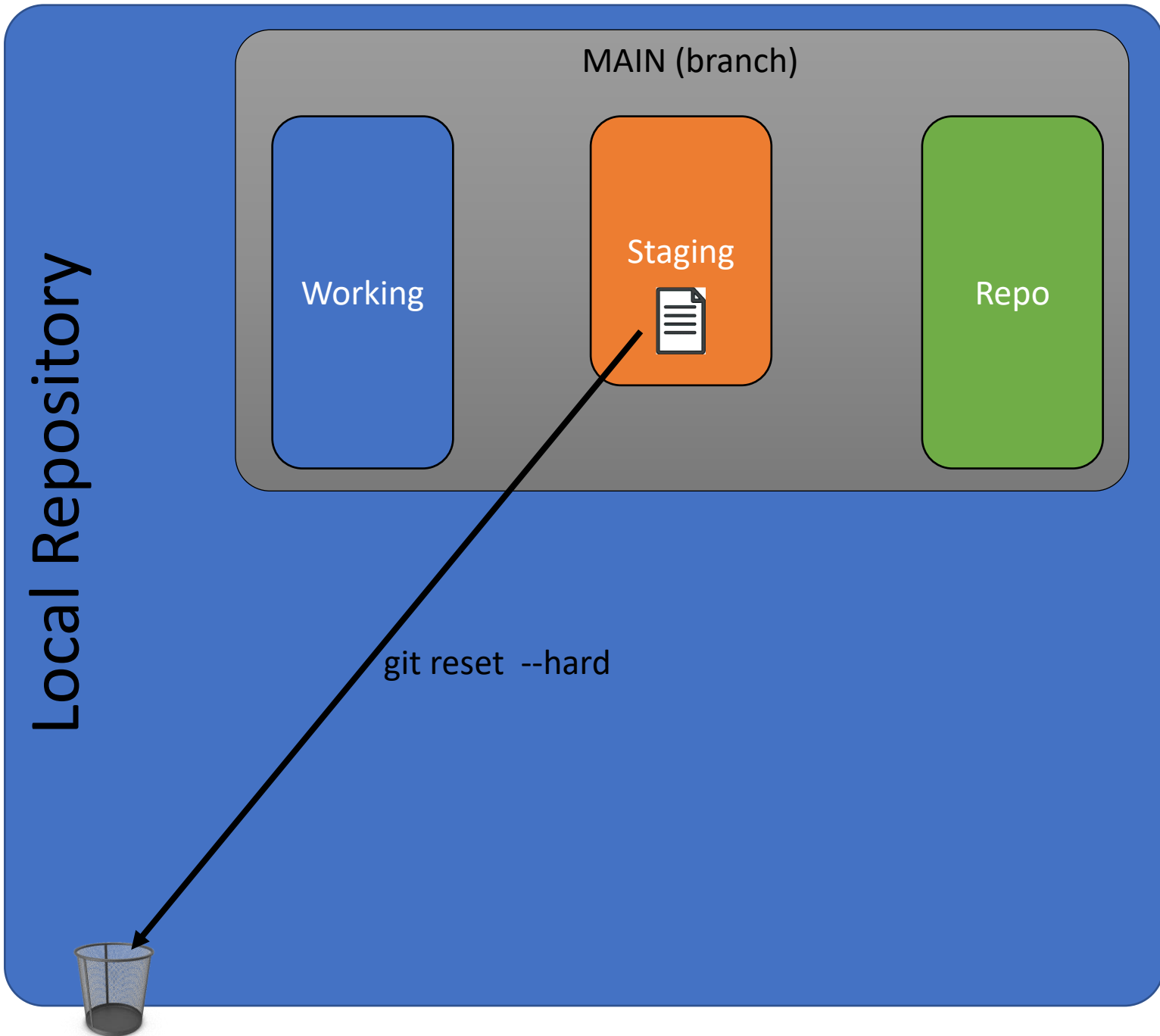


Local Repository

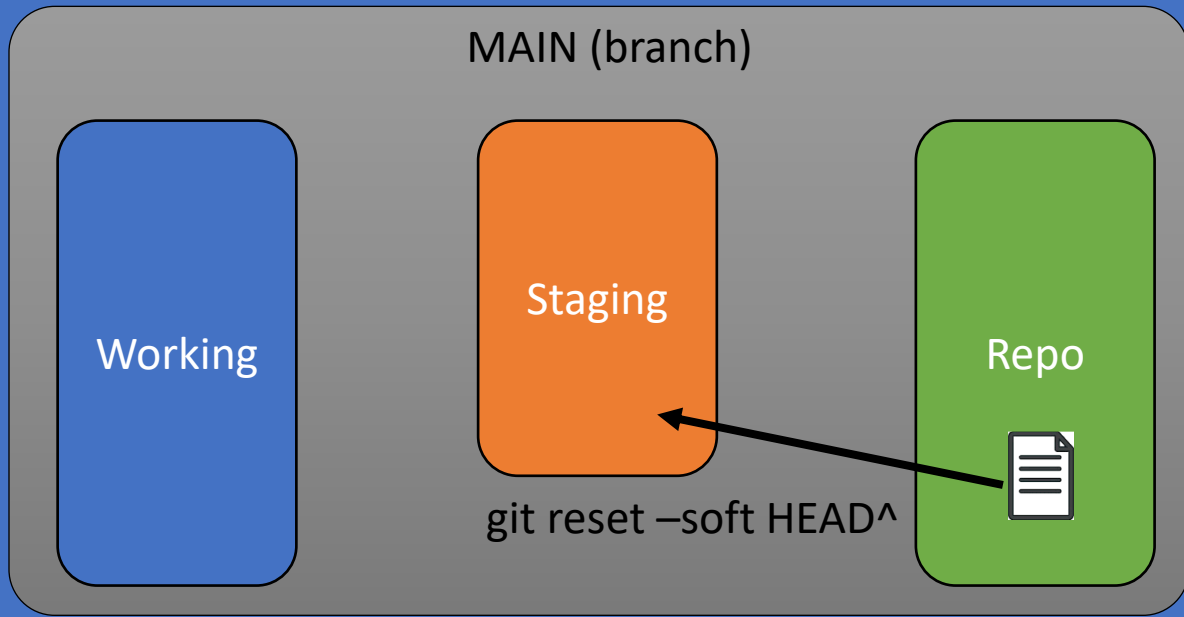


GitHub Repository





Local Repository



GitHub Repository

