GIT

99X Technology

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99X Technology

dilumn_

dilumn

What is GIT

Why we use GIT

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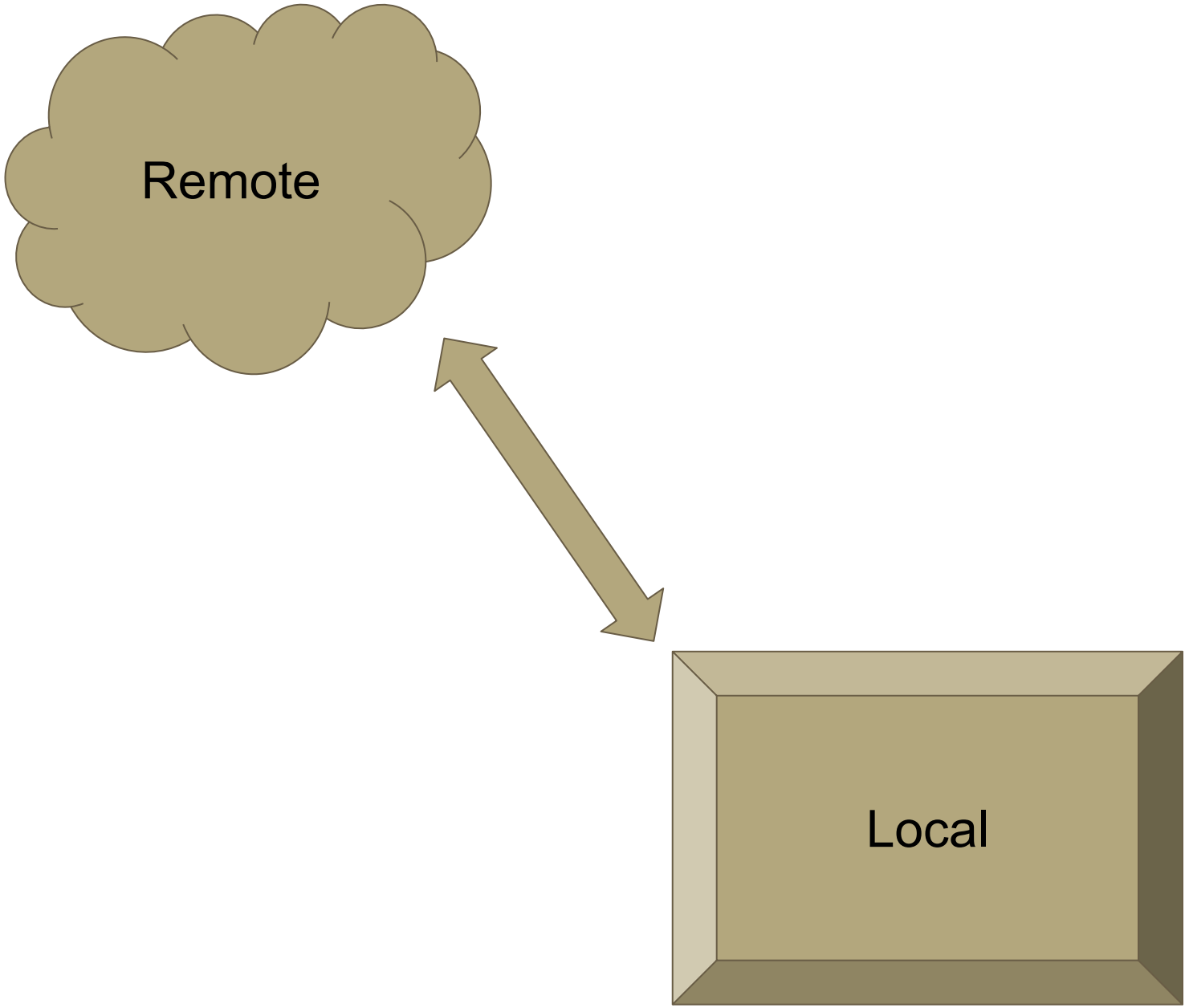
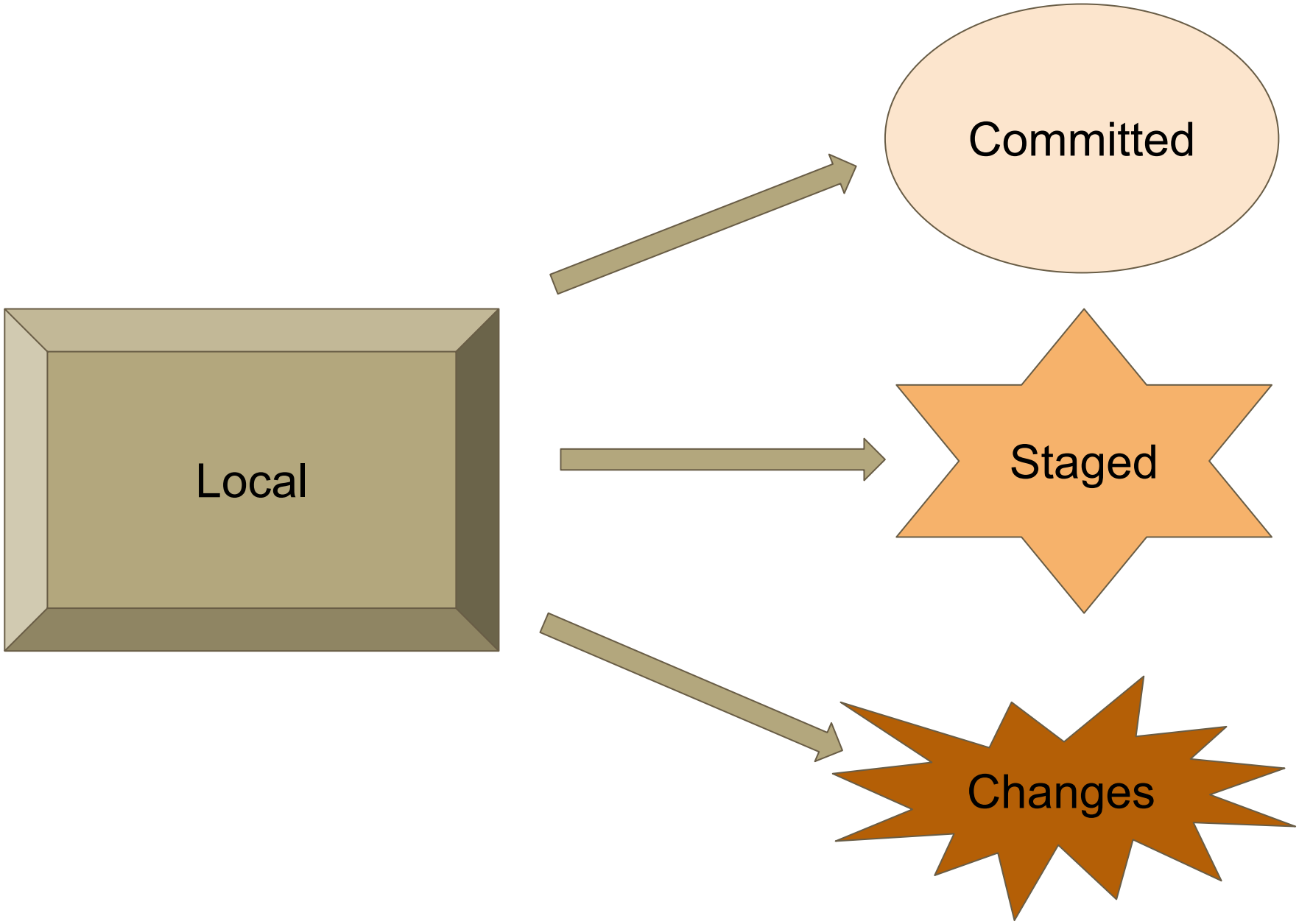
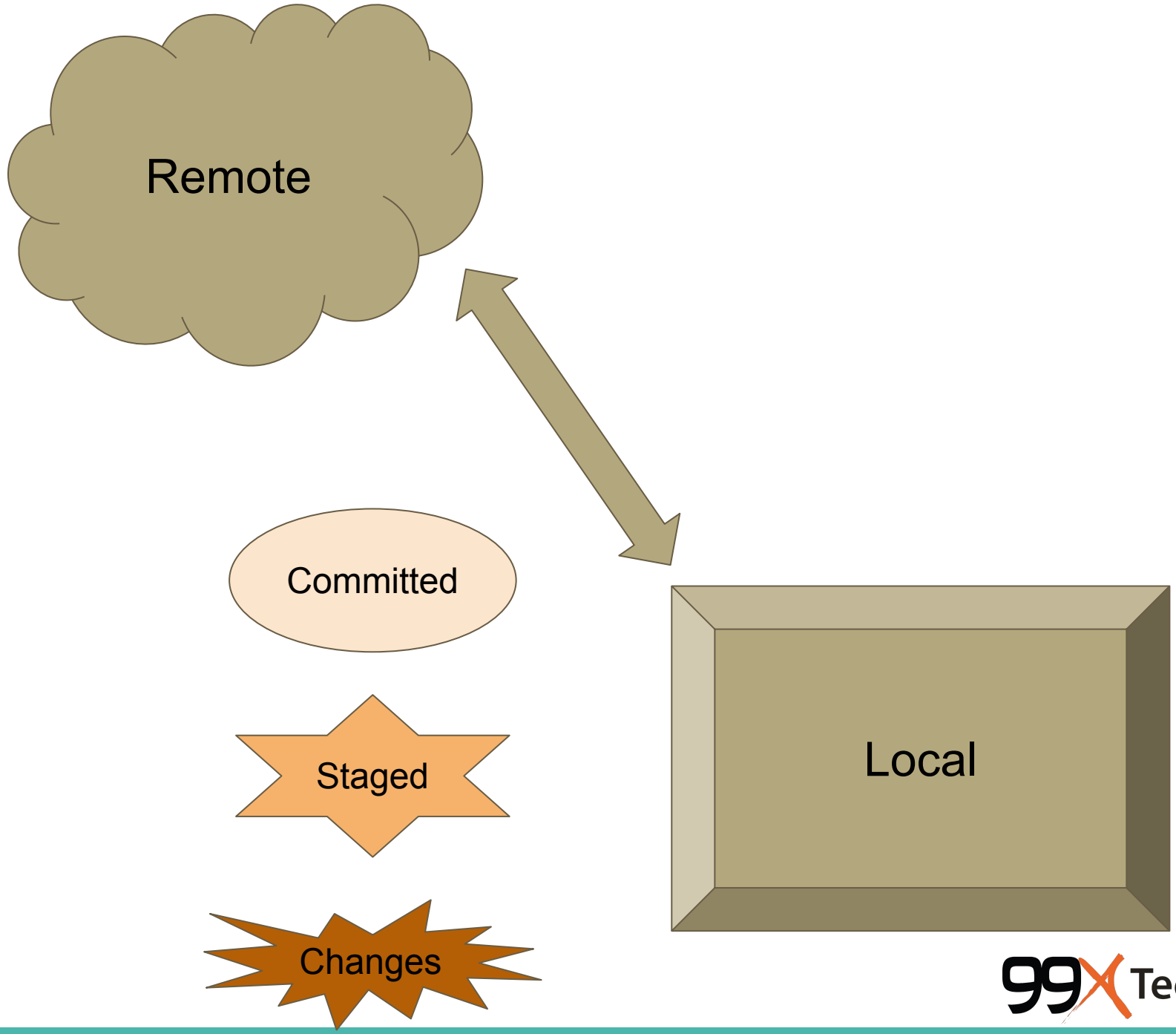
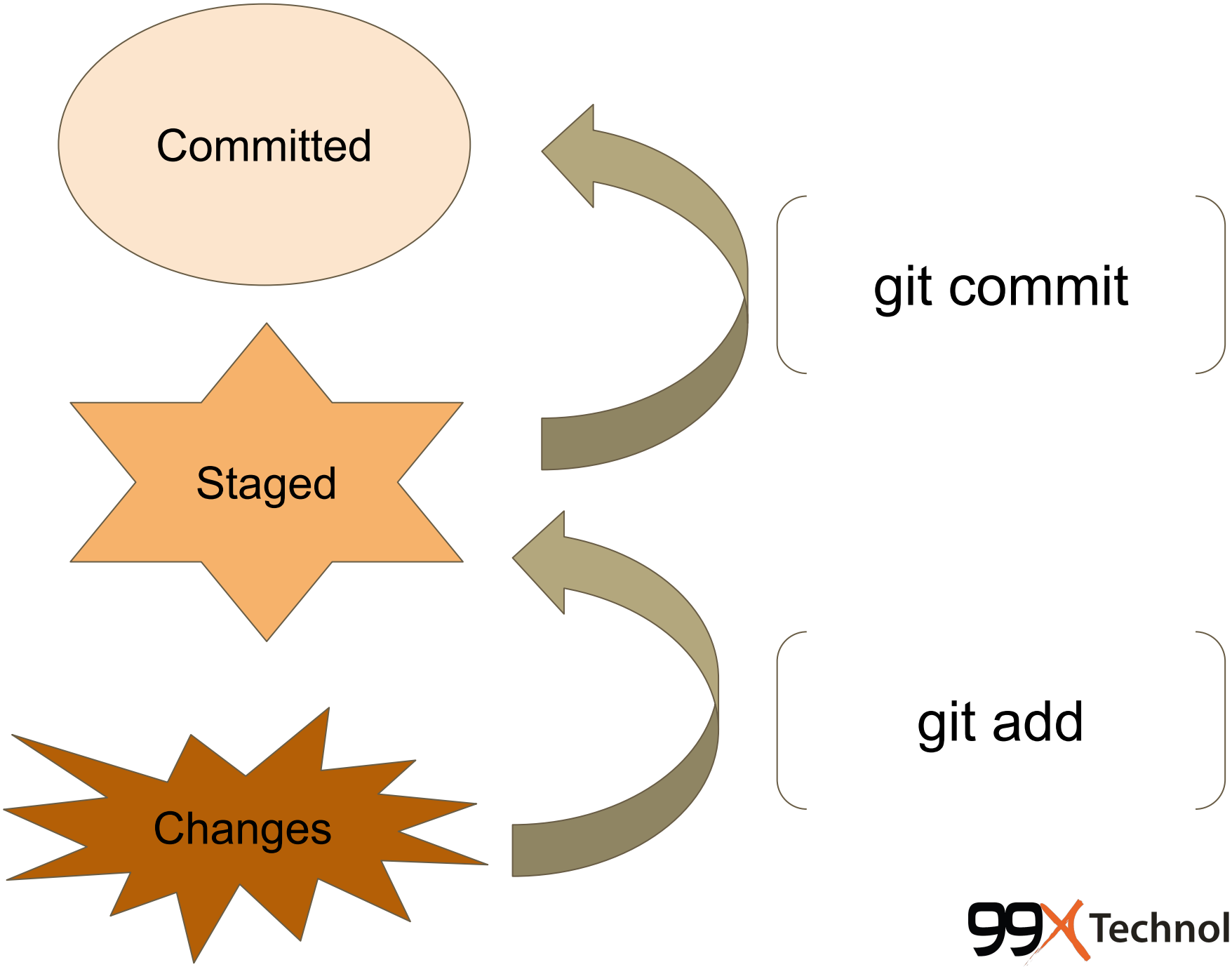
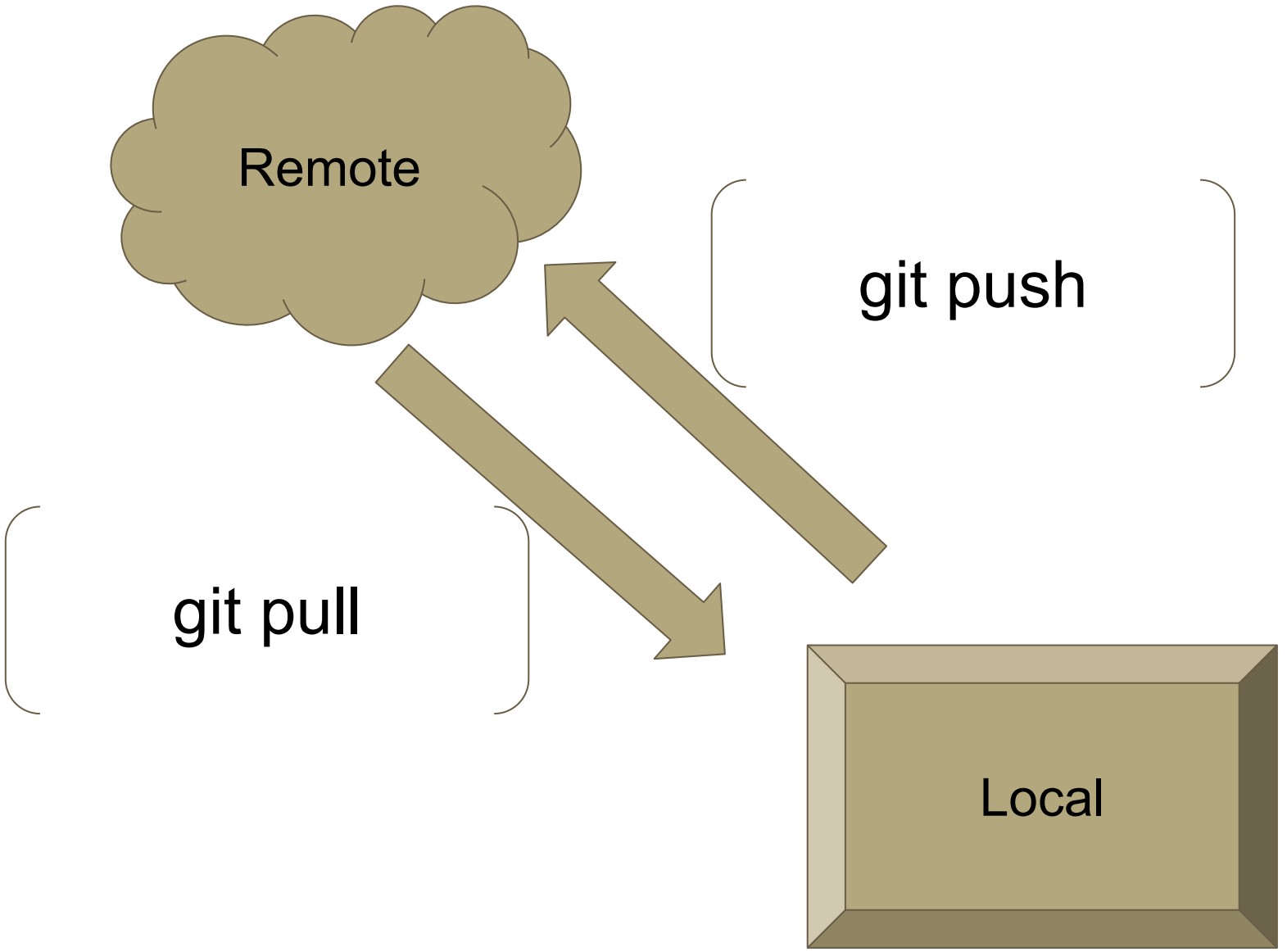
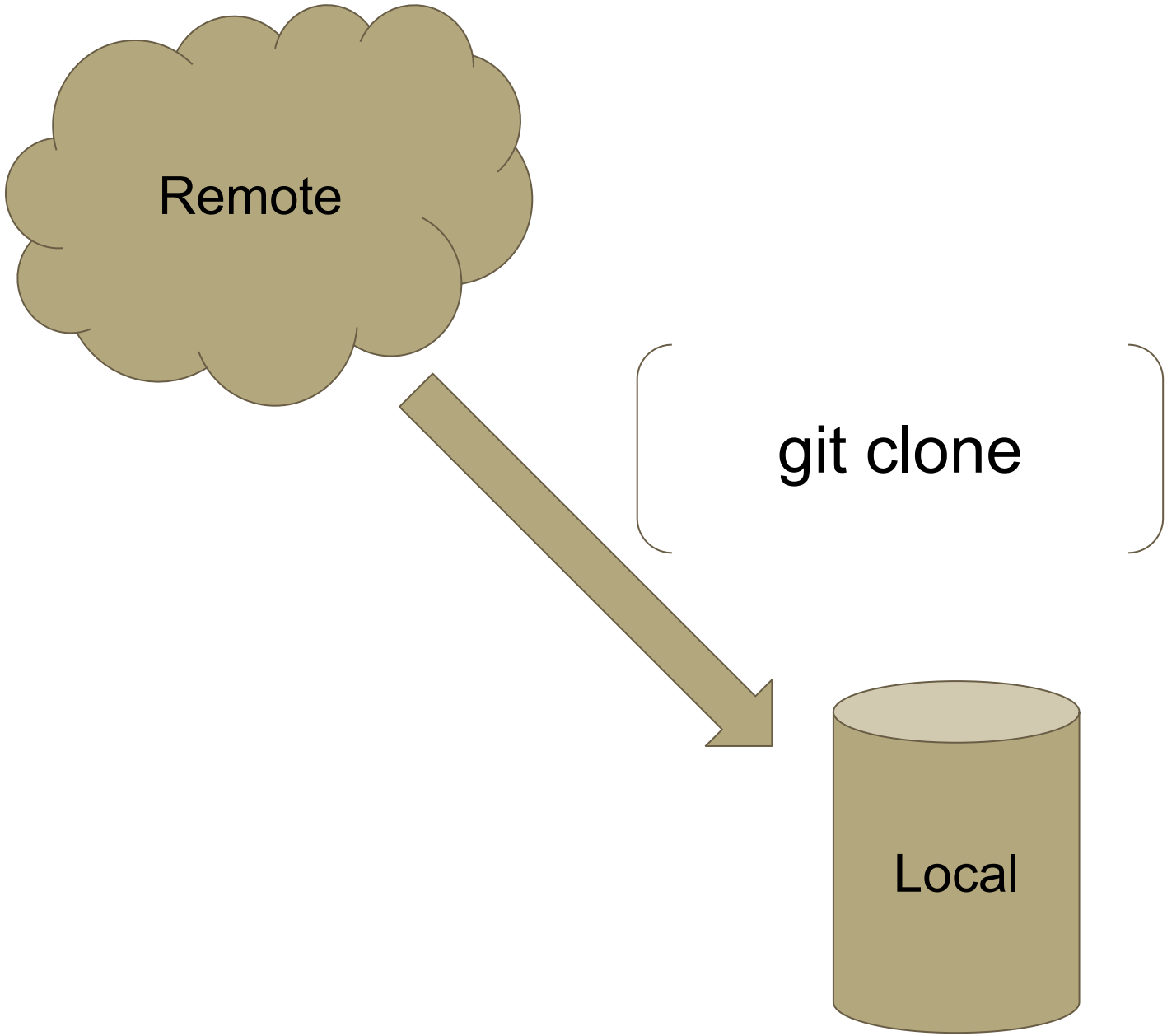

Remote
Local

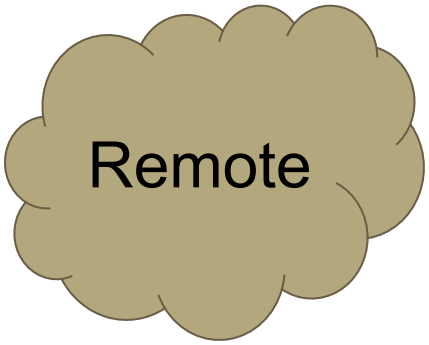

Committed
Local
Staged
Changes

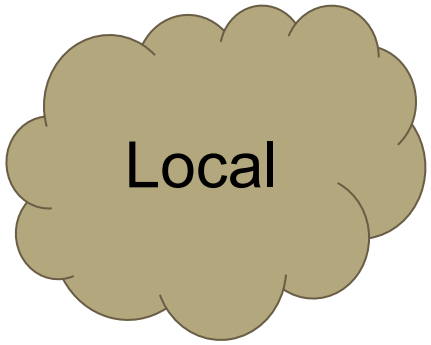

Remote
Committed
Staged
Changes
Local

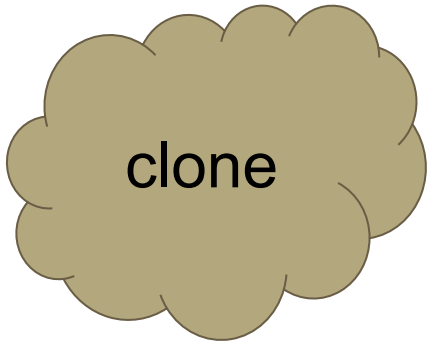

Committed
Staged
Changes
git commit
git add

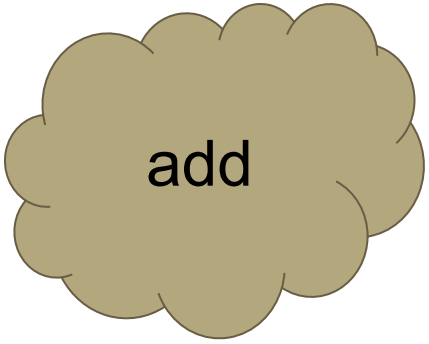

Remote
git push
git pull
Local

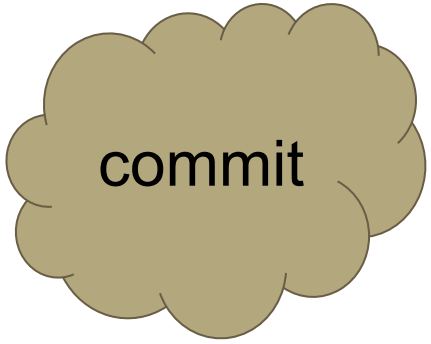

Remote
git clone
Local

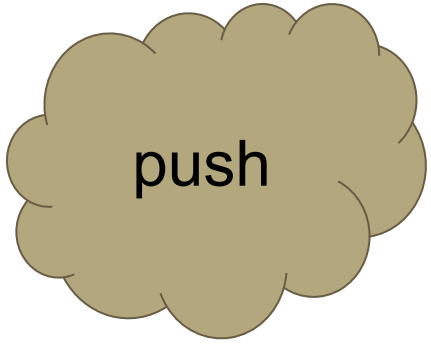

Remote

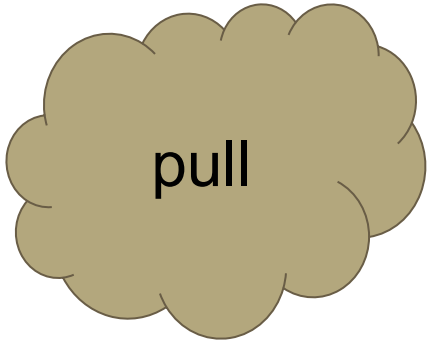

Local


clone


add


commit


push


pull

Scenario 01

- Take a repository to the local for the first time

```
git clone https://github.com/dilumn/git-plan.git
```

Scan me

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Scenario 02

- Take a repository to the local for the first time
- Make some changes
- Push those changes to remote

git clone https://github.com/dilumn/git-plan.git

git add .

git commit -m “commit message”

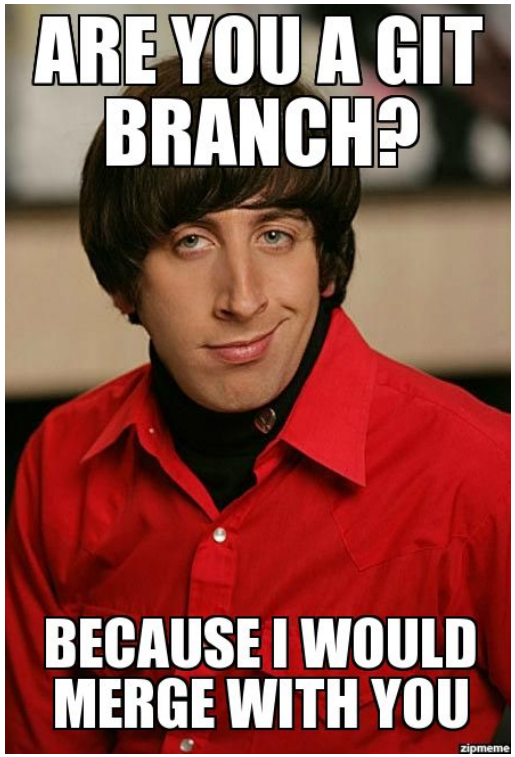
git push origin master

Scenario 03

- Push your existing project to Github

```
git init

git remote add origin https://github.com/dilumn/git-plan.git

git add .

git commit -m “commit message”

git push origin master
```

git branching



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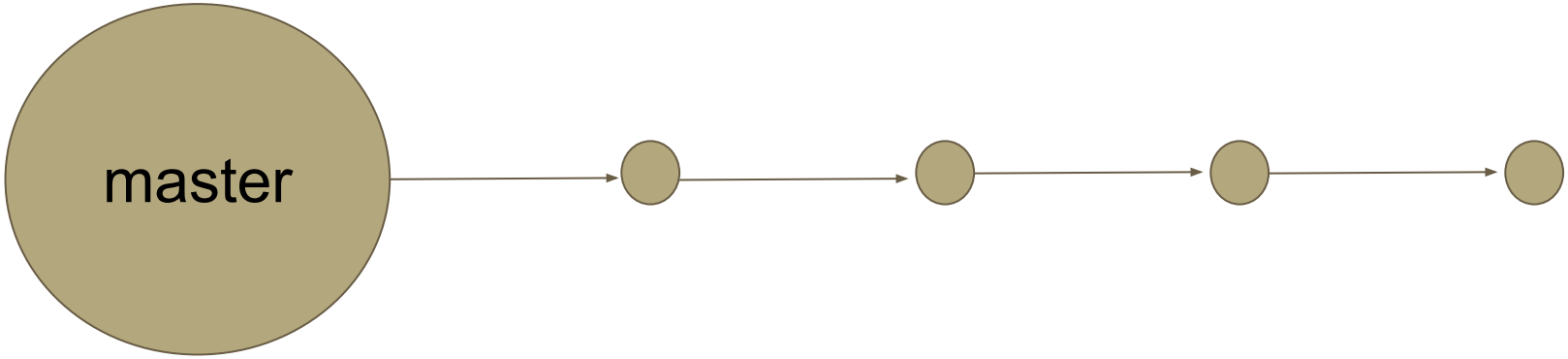
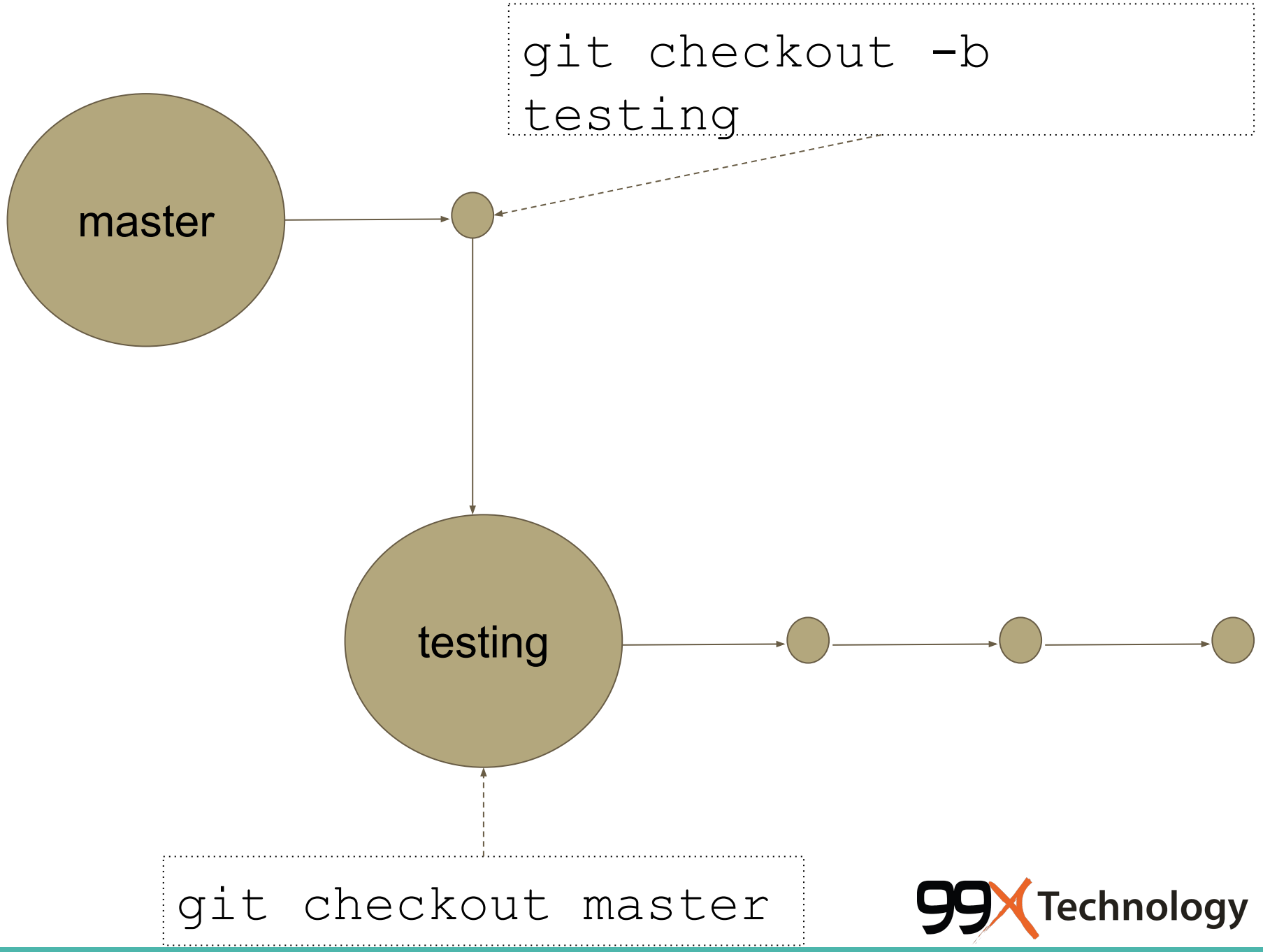
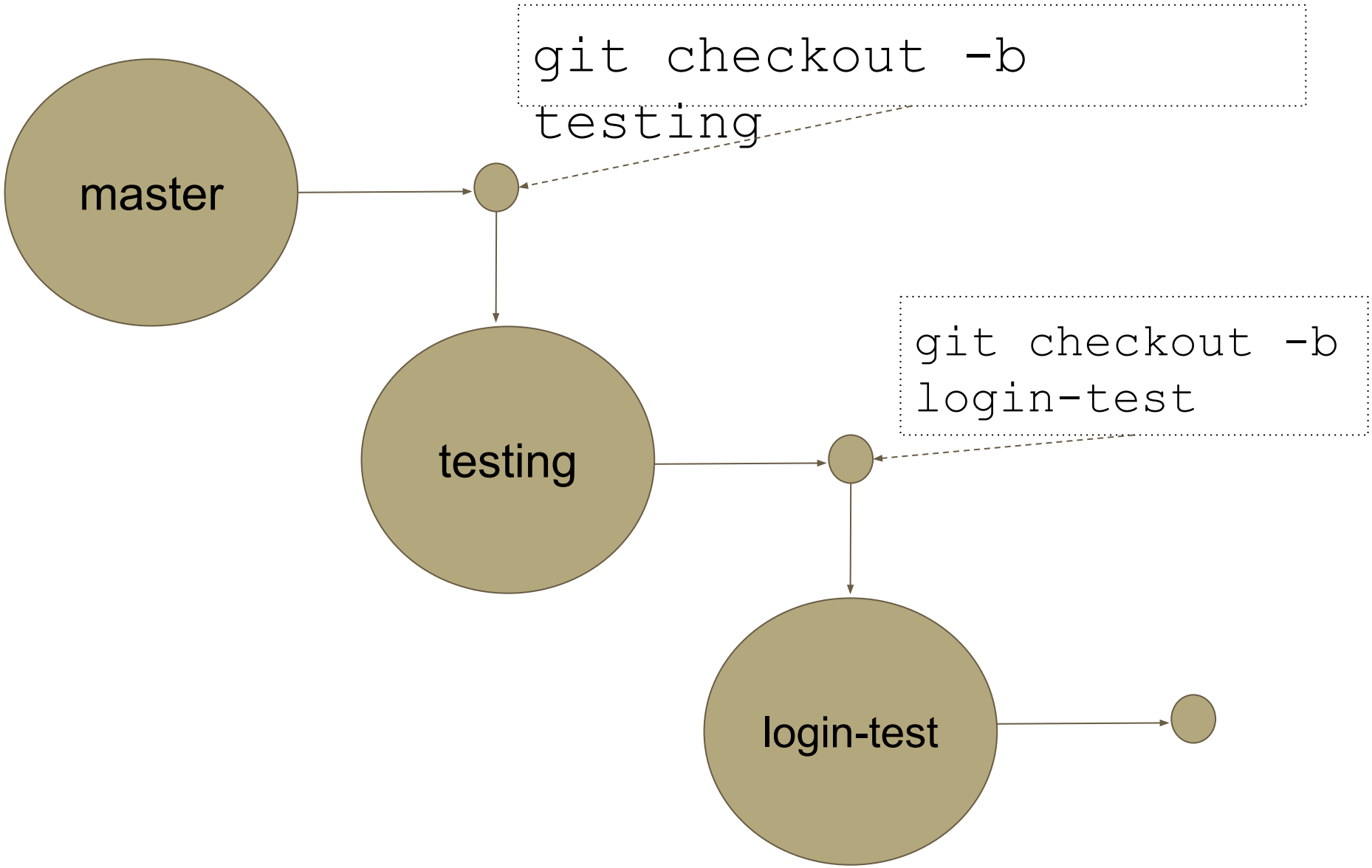
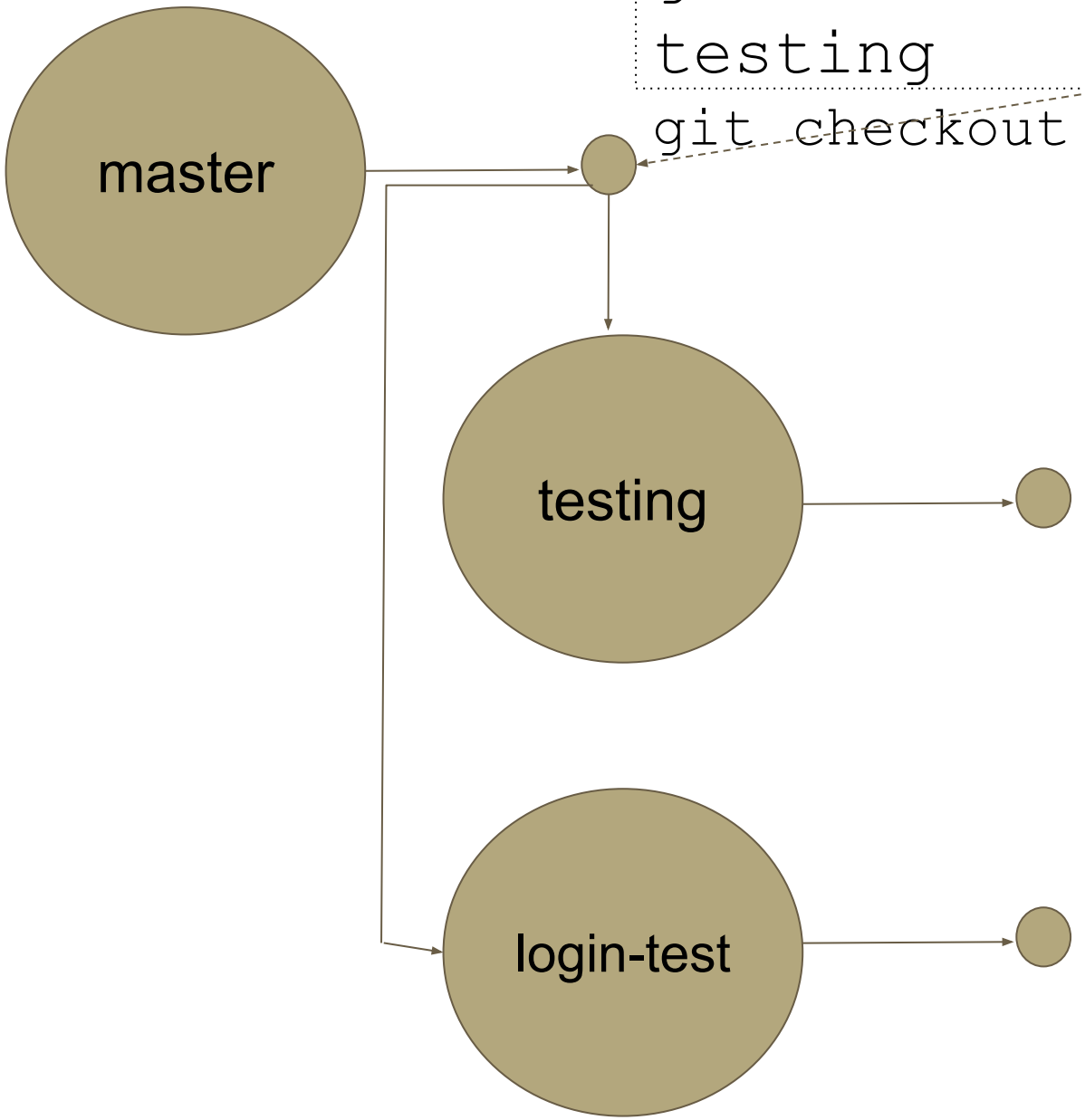

master


git checkout -b testing
master
testing
git checkout master

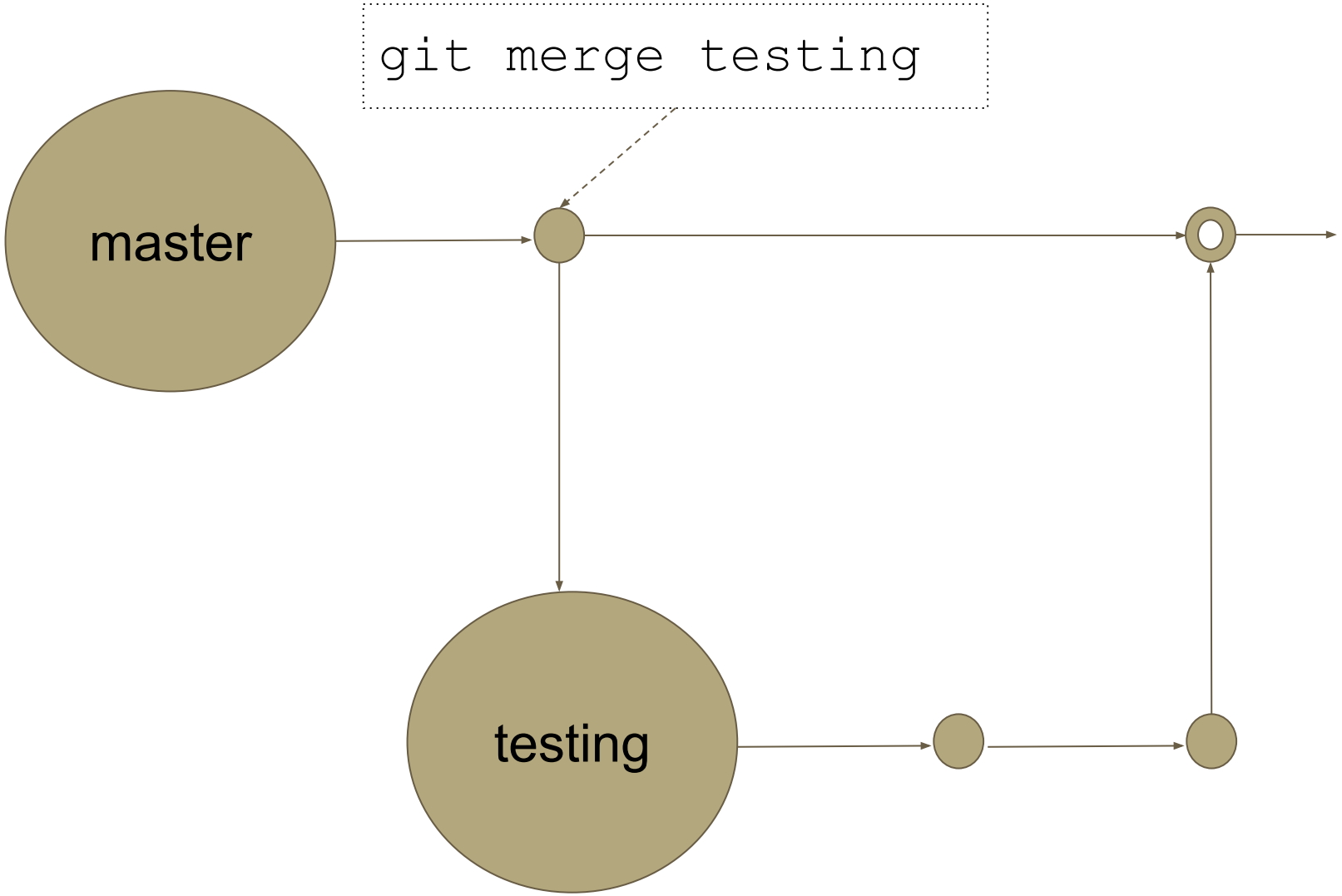

git checkout -b testing
master
testing
git checkout -b login-test
login-test

```
git checkout -b
testing
```

```
git checkout -b login-test
```



git merge


git merge testing
master
testing

dilumn / celluloid
forked from celluloid/celluloid

Unwatch 1 | Star 0 | Fork 253

Code | Pull requests 0 | Projects 0 | Wiki | Pulse | Graphs | Settings

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare across forks.

base: master ... compare: 0-15-stable ✕ Can't automatically merge. Don't worry, you can still create the pull request.

Create pull request Discuss and review the changes in this comparison with others.

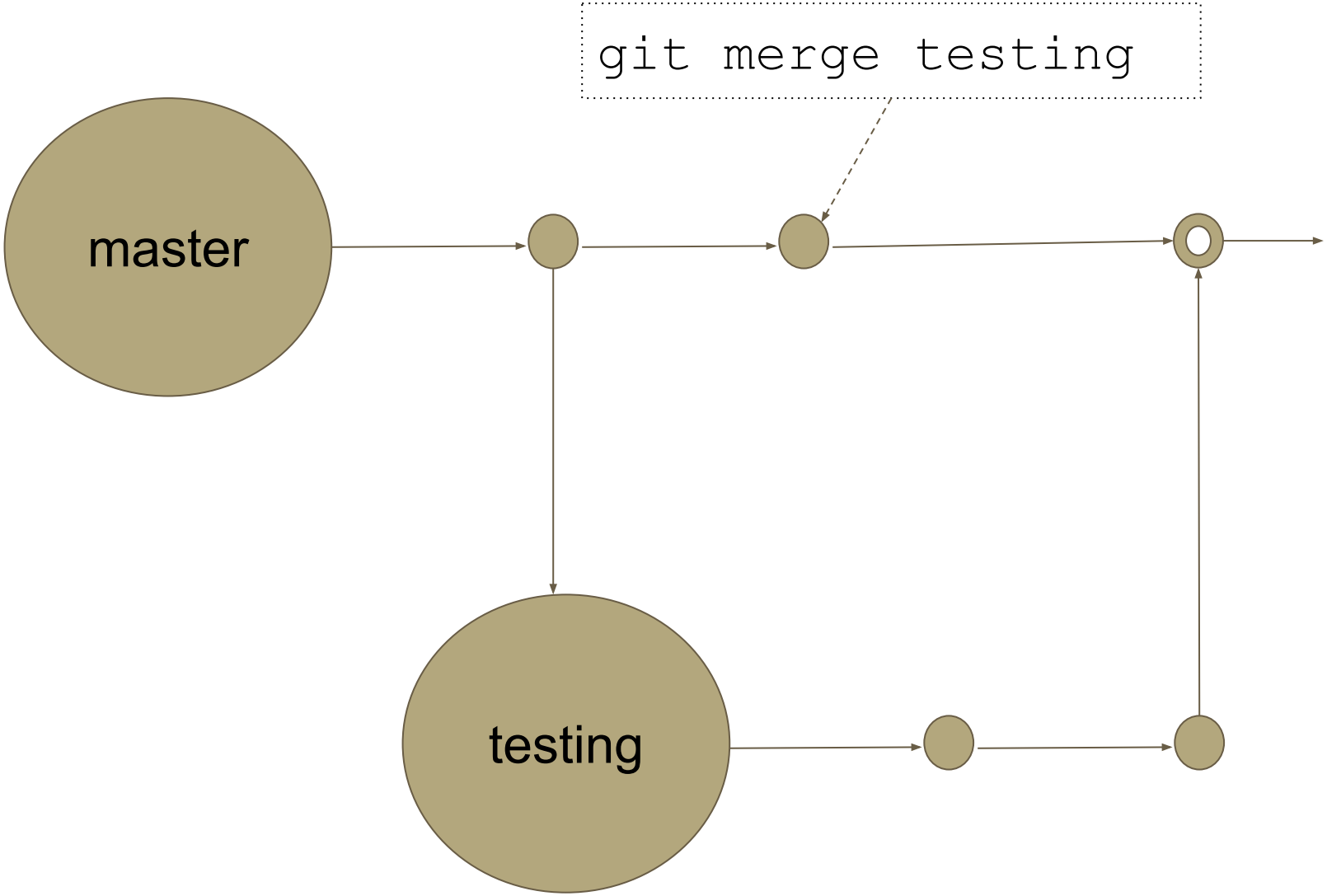
9 commits | 9 files changed | 0 commit comments | 2 contributors

Commits on Sep 05, 2013

halorgium	Allow PoolManager to incorrectly resume a task from within a task ...	0888ae9

Commits on Sep 06, 2013

tarcieri	Revert "Allow PoolManager to incorrectly resume a task from within a … ...	20ecb50
tarcieri	Warn for nested task resumption in debug mode	846bec6
halorgium	Revert "Warn for nested task resumption in debug mode" ...	871690b
halorgium	Allow PoolManager to incorrectly resume a task from within a task ...	0cf1588
halorgium	Only raise if $CELLULOID_DEBUG is set ...	cf09728
tarcieri	Bump version to 0.15.1	cd7847d



merge conflicts

Demo

Scenario 04

Create a new branch “branch1” from master
Do some changes to a file. Commit & push them
Go to master branch, change the same file, commit & push the changes
Create a pull request from “branch1” to master
merge “branch1” to master

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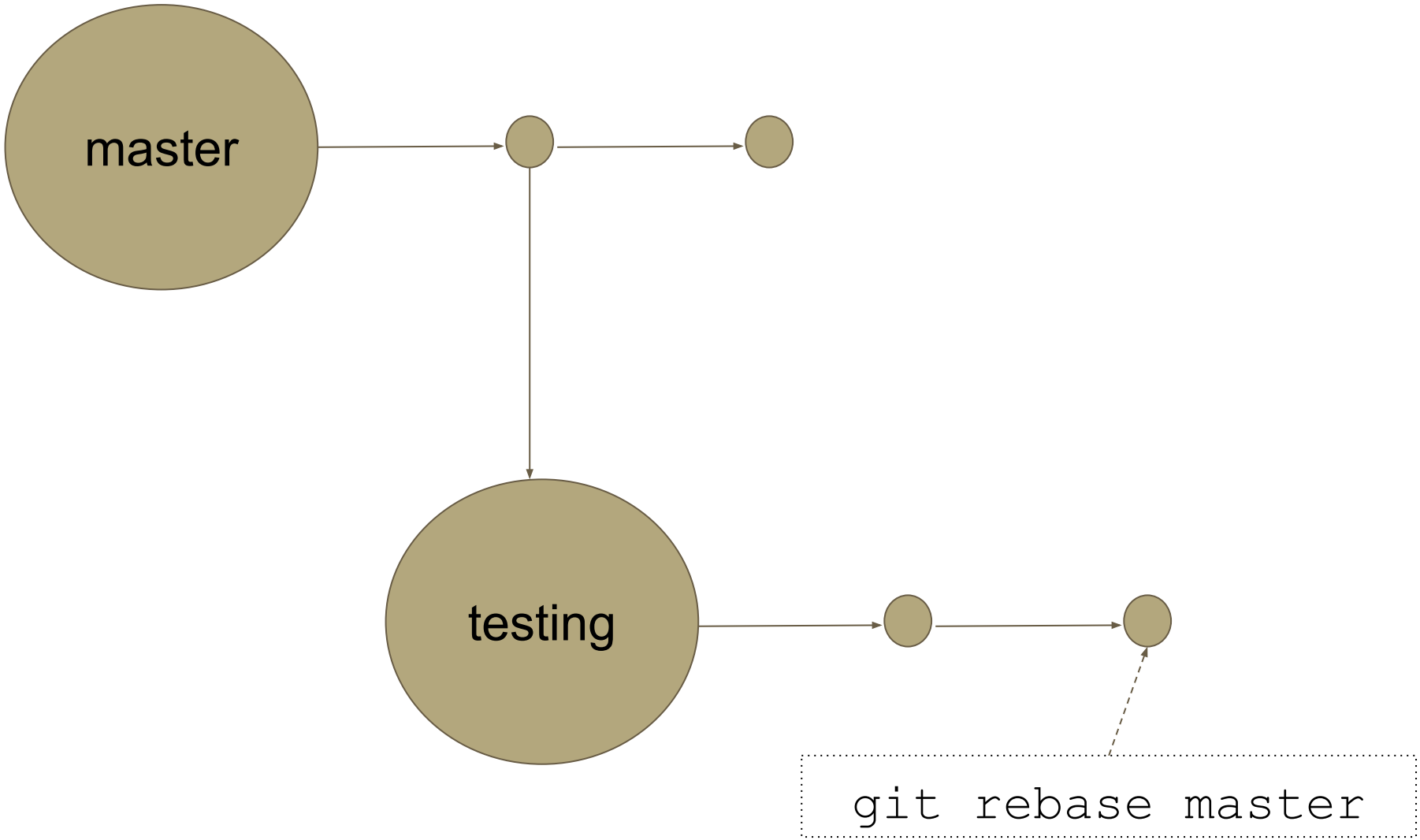
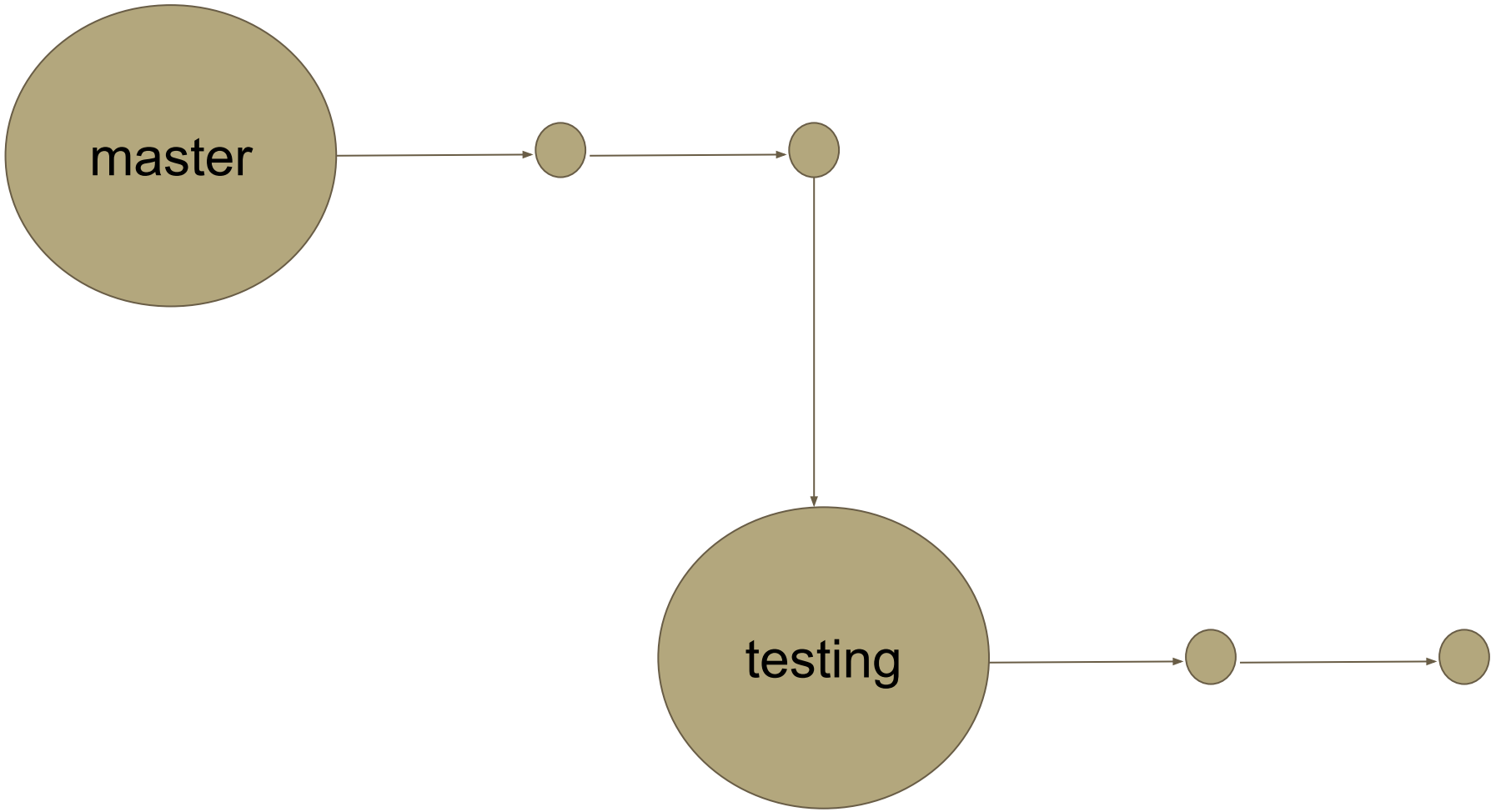
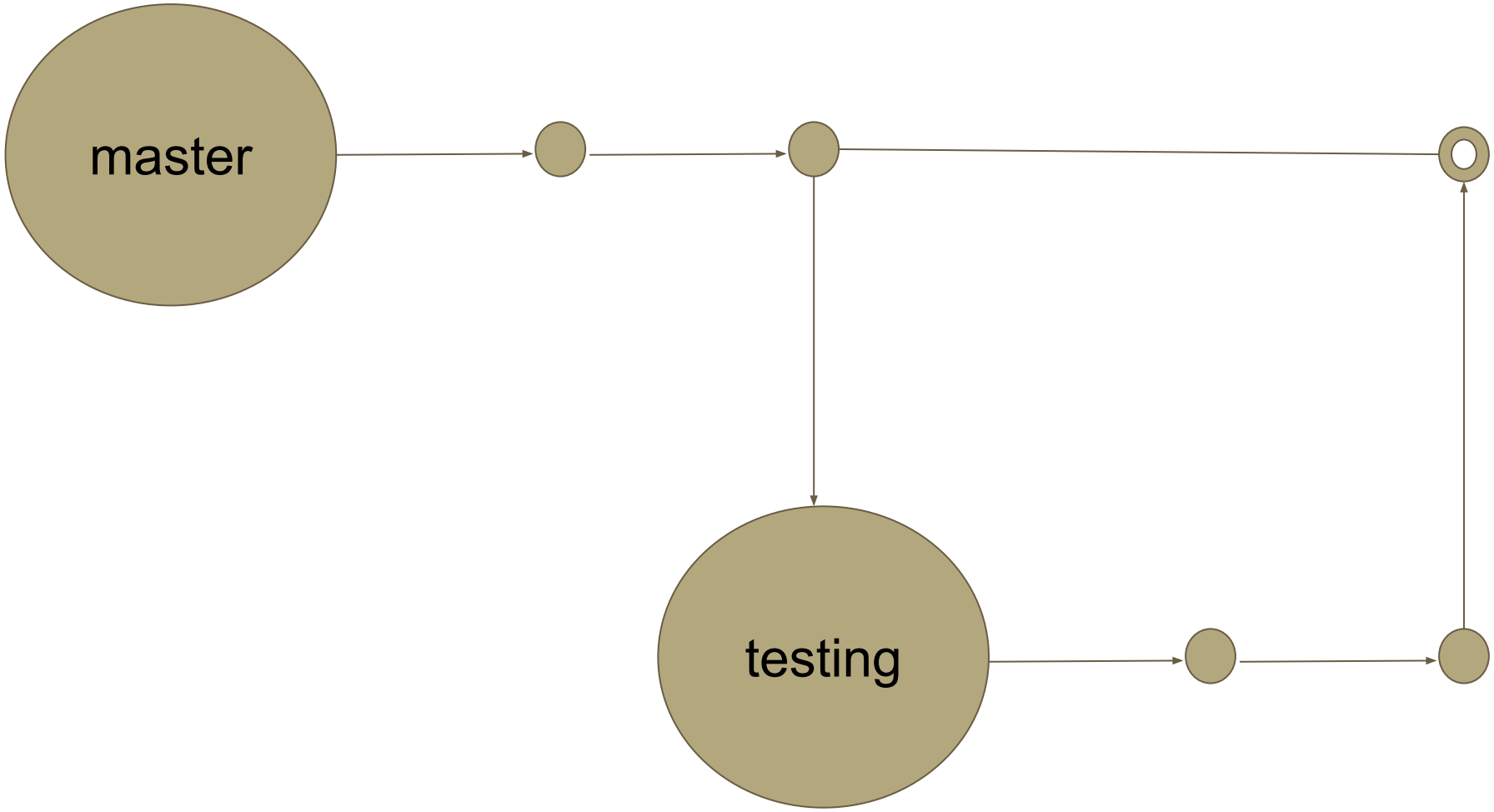
```
git checkout -b branch1

git add .

git commit -m “changes from branch1”

git push origin branch1

git checkout master

git add .

git commit -m “changes from master”

git push origin master

git merge branch1

git add .

git commit -m “merge conflict fixes”

git push origin master
```

git rebase


master
testing
git rebase master


master
testing

git rebase & merge



Demo

Scenario 05

Create a new branch “branch2” from master
Do some changes to a file. Commit & push them
Go to master branch, change the same file, commit & push the changes
Rebase “branch2” from master
merge “branch2” to master

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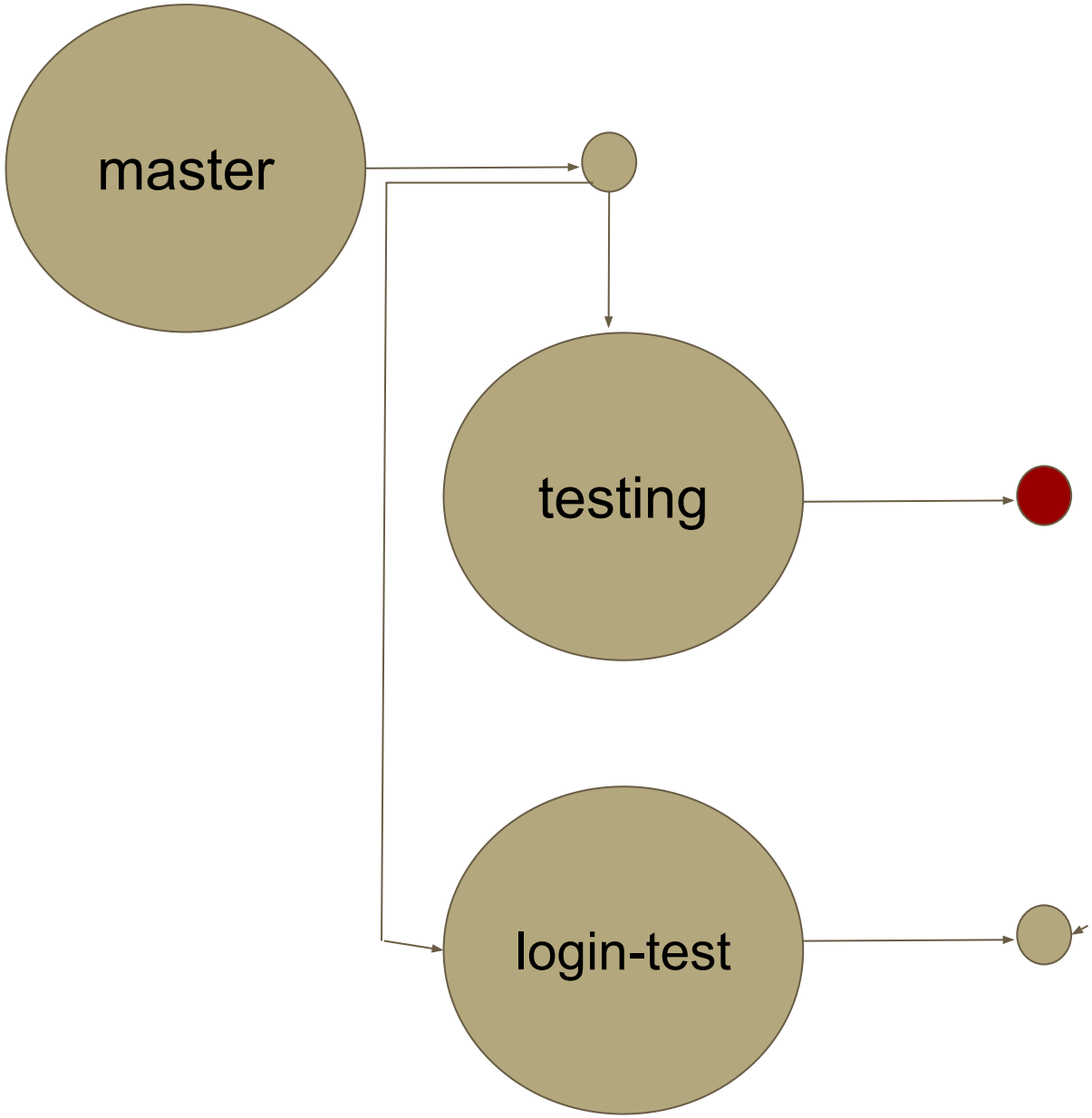
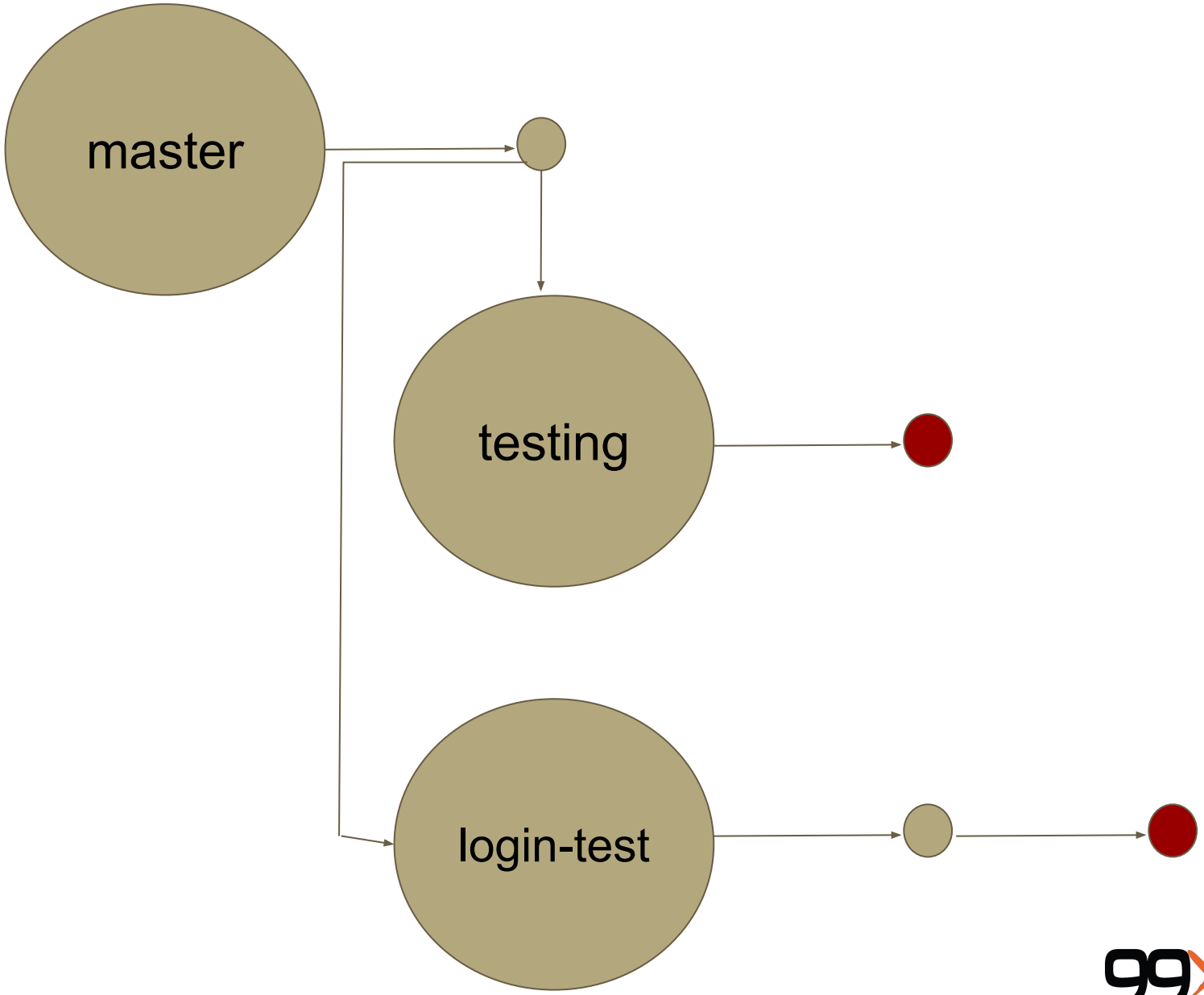
```
git checkout -b branch2

git add .

git commit -m “changes from branch2”

git push origin branch2

git checkout master

git add .

git commit -m “changes from master”

git push origin master

git checkout branch2

git rebase master

git add .

git rebase --continue

git push origin branch2 --force
```

git cherry-pick


master
testing
login-test
git cherry-pick
HASHCODE


master
testing
login-test

Scenario 06

Cherry pick branch1 5kw32
commit to branch2

git checkout branch2

git cherry-pick 5kw32

git stash

KEEP
CALM
AND
GIT
STASH

Demo

git reset

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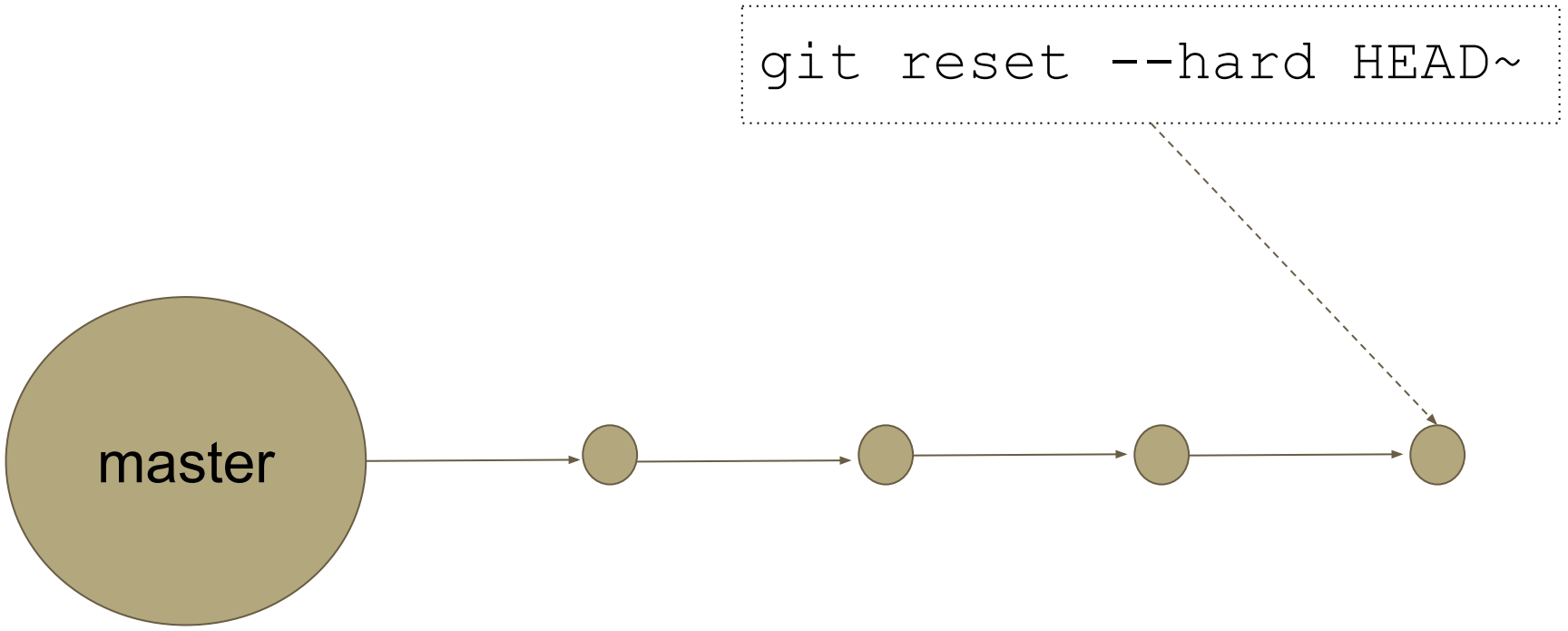
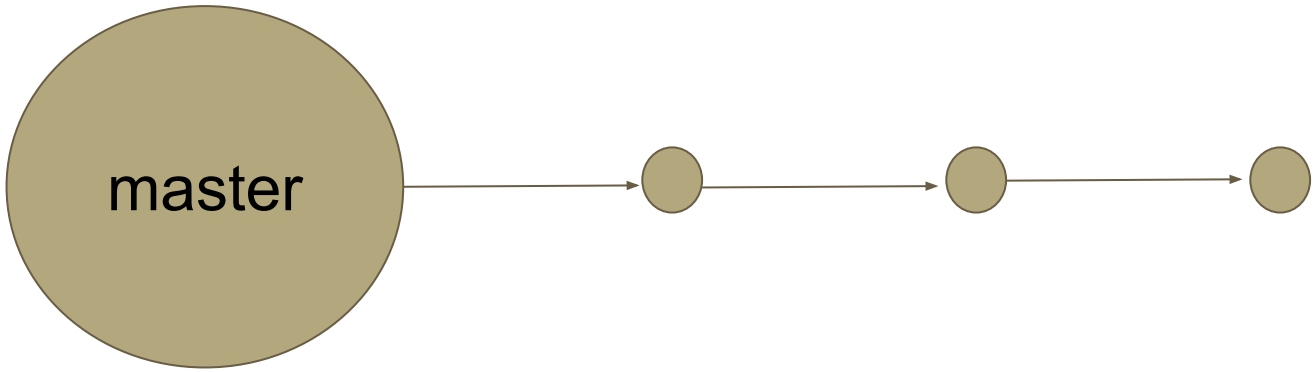
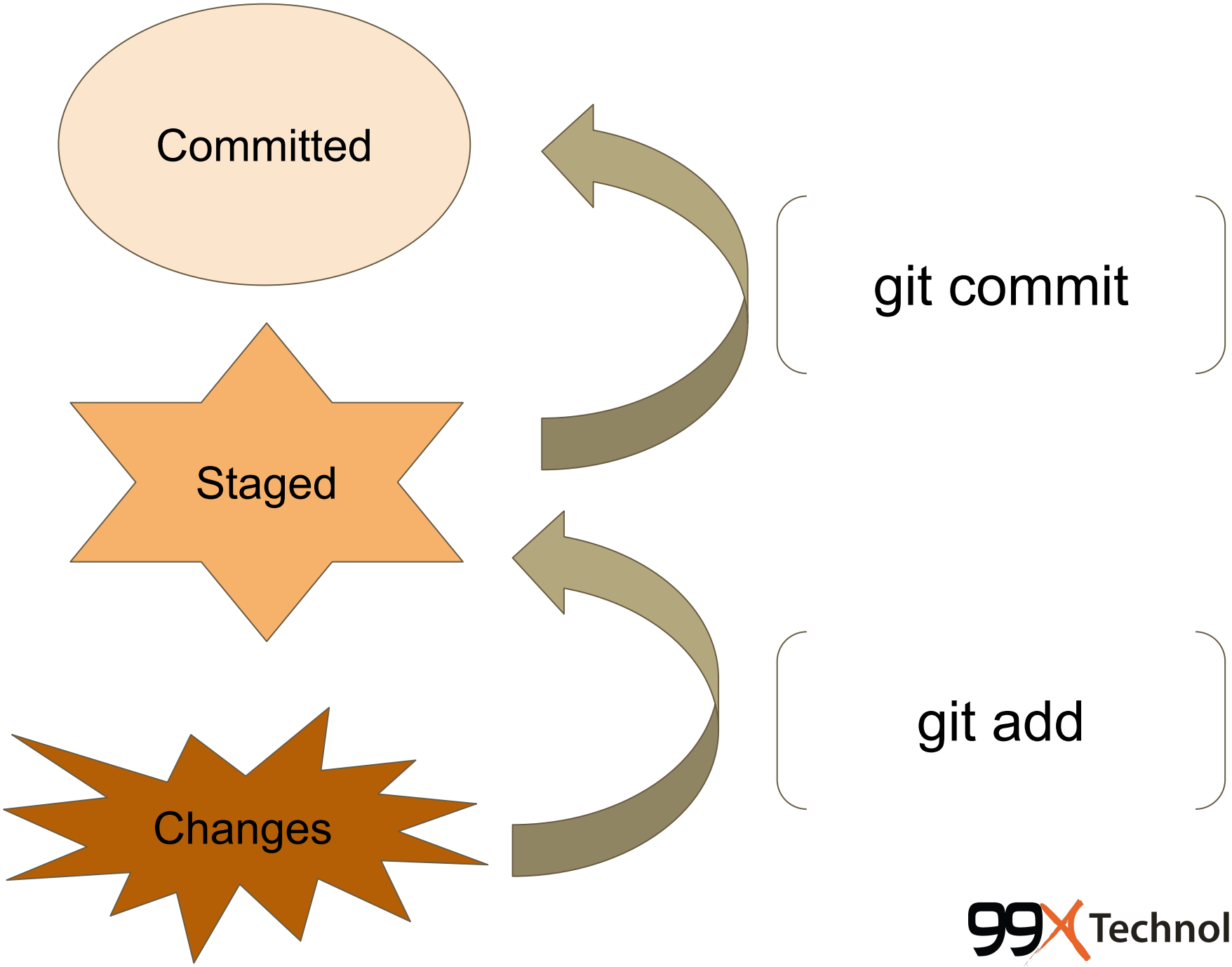
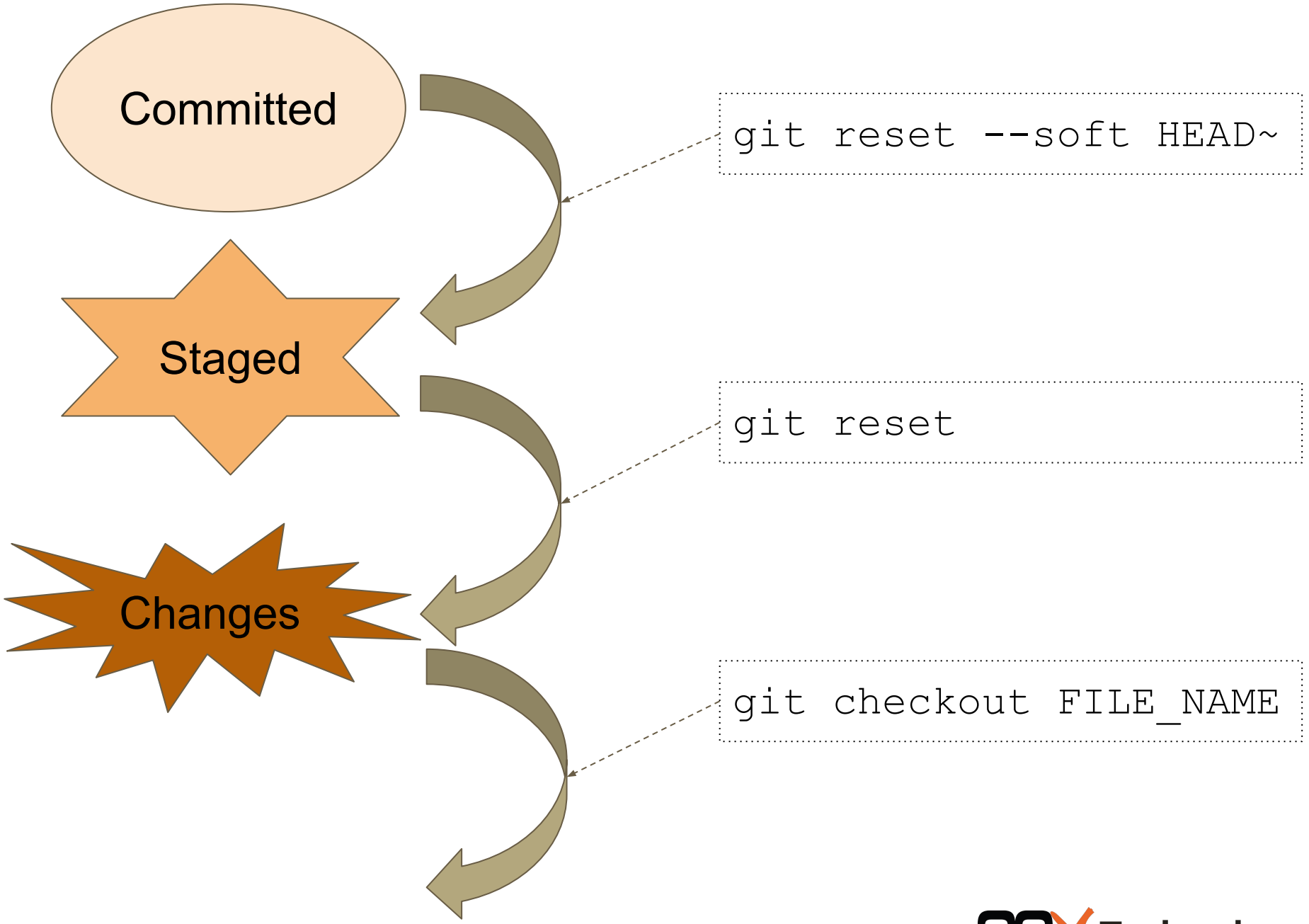

git reset --hard HEAD~
master


master


Committed
Staged
Changes
git commit
git add

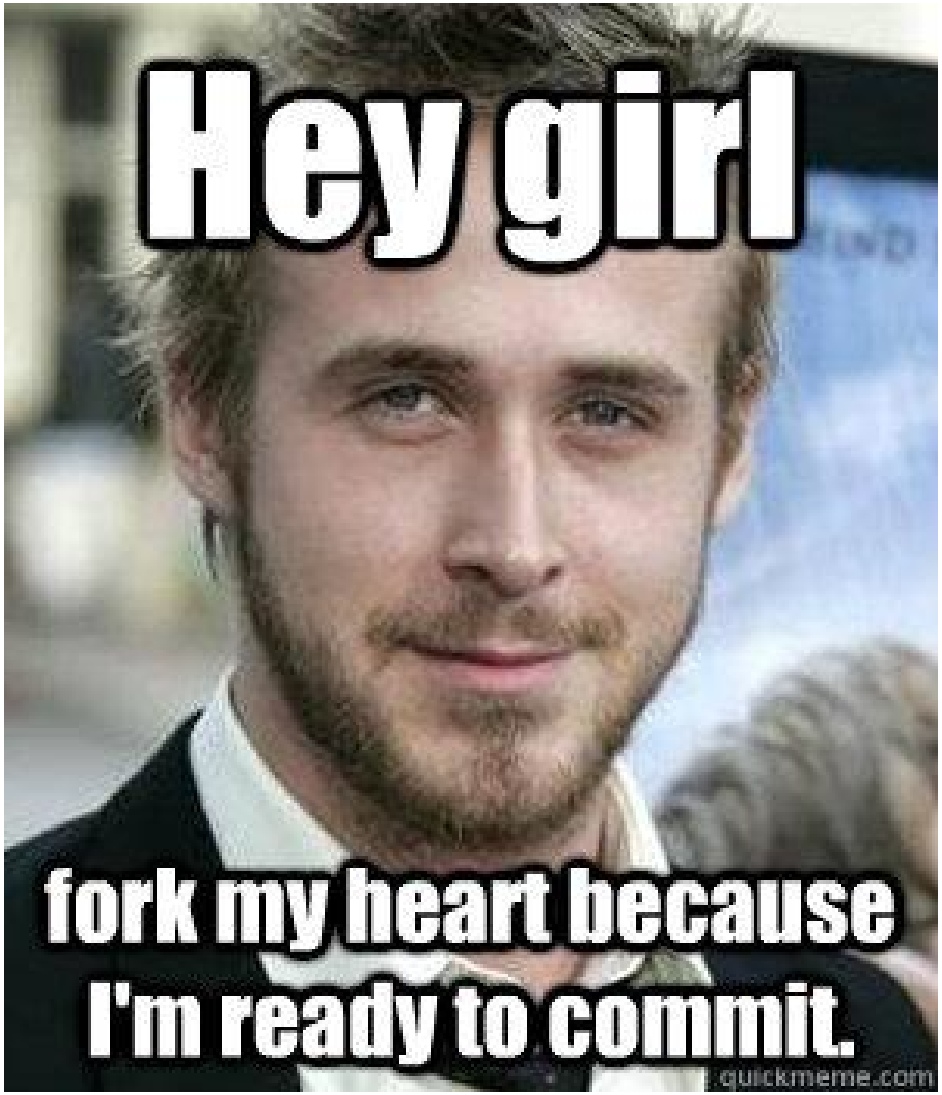

Committed
Staged
Changes
git reset --soft HEAD~
git reset
git checkout FILE_NAME

Scenario 07

- Do some changes and commit them
- Discard that last commit
- Commit some changes again
- Take them back to staged state
- Take them to changes state
- Discard those changed files

```
git add .

git commit -m “commit message”

git reset --hard HEAD~

git add .

git commit -m “second commit”

git reset --soft HEAD~

git reset

git checkout FILE_NAMES
```

fork repository



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https://github.com/dilumn/git-presentation

Scan me

KEEP CALM

PRESENTATION IS OVER

ANY QUESTIONS?


THANK YOU FOR LISTENING
TO MY PRESENTATION!!
memegenerator.net