

Dev-Ops

Task 4 Report

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studio.kodecloud.com/labs/git/git-fetching-pulling

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 **Git Fetching & Pulling**

Learn the difference between git fetch and git pull.

Intermediate

45 minutes

End

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CONGRATULATIONS!!!!

You have successfully completed the challenge.

🚩 End lab session

Terminal 1

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⏹ Stop Lab

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```
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 724 bytes | 724.00 KiB/s, done.
From http://git.example.com/sarah/story-blog
   b89f39c..fd820ab  master    -> origin/master
sarah (master)$ git branch -a
* master
  story/frogs-and-ox
  remotes/origin/master
sarah (master)$ git merge remotes/origin/master
bash: git: command not found
sarah (master)$ git merge remotes/origin/master
Updating b89f39c..fd820ab
Fast-forward
 fox-and-grapes.txt | 21 ++++++
 1 file changed, 21 insertions(+)
 create mode 100644 fox-and-grapes.txt
sarah (master)$ git pull origin master
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 778 bytes | 778.00 KiB/s, done.
From http://git.example.com/sarah/story-blog
 * branch            master       -> FETCH_HEAD
   fd820ab..65836bb  master       -> origin/master
Updating fd820ab..65836bb
Fast-forward
 donkey-and-dog.txt | 19 ++++++
 1 file changed, 19 insertions(+)
 create mode 100644 donkey-and-dog.txt
sarah (master)$ ls
donkey-and-dog.txt  fox-and-grapes.txt  frogs-and-ox.txt    lion-and-mouse.txt
sarah (master)$
```



End

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■ Stop Lab 🗑️ 📄 ⋮

CONGRATULATIONS!!!!

You have successfully completed the challenge.

🚩 End lab session

```
max (master)$ vim story-index.txt
max (master)$ vim story-index.txt
max (master)$ git status
On branch master
Your branch and 'origin/master' have diverged,
and have 1 and 1 different commits each, respectively.
(use "git pull" to merge the remote branch into yours)

You have unmerged paths.
(fix conflicts and run "git commit")
(use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
        both added:      story-index.txt

no changes added to commit (use "git add" and/or "git commit -a")
max (master)$ git add story-index.txt
max (master)$ git commit -m "Resolved merge conflicts and merged story index"
[master adb58d5] Resolved merge conflicts and merged story index
max (master)$ git push origin master
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 16 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 629 bytes | 629.00 KiB/s, done.
Total 6 (delta 3), reused 0 (delta 0), pack-reused 0
remote: . Processing 1 references
remote: Processed 1 references in total
To http://git.example.com/sarah/story-blog.git
    08a2f0e..adb58d5  master -> master
max (master)$
```

End

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Terminal 1

Stop Lab

CONGRATULATIONS!!!!

You have successfully completed the challenge.

End lab session

Add author info to stories

```
commit b2073a2c17dacbb36ed7be08505a5c869f9f19f7
Author: sarah <sarah@example.com>
Date:   Fri Sep 12 08:16:36 2025 +0000
sarah (master)$ git reset d5ec8ef8a45583d28288a3a078fe8f91d6d5256a
Unstaged changes after reset:
M      hare-and-tortoise.txt
sarah (master)$ git log
commit d5ec8ef8a45583d28288a3a078fe8f91d6d5256a (HEAD -> master)
Author: sarah <sarah@example.com>
Date:   Fri Sep 12 08:31:59 2025 +0000
```

'Finish hare-and-tortoise story

```
commit e01a26b0411edc22727d9a74ef64d04b1208ab79
Author: sarah <sarah@example.com>
Date:   Fri Sep 12 08:17:24 2025 +0000
```

Add author info to stories

```
commit b2073a2c17dacbb36ed7be08505a5c869f9f19f7
Author: sarah <sarah@example.com>
Date:   Fri Sep 12 08:16:36 2025 +0000
```

Add stories

```
sarah (master)$ git reset d5ec8ef8a45583d28288a3a078fe8f91d6d5256a
Unstaged changes after reset:
M      hare-and-tortoise.txt
sarah (master)$ git reset d5ec8ef8a45583d28288a3a078fe8f91d6d5256a --soft
sarah (master)$ git reset --hard d5ec8ef8a45583d28288a3a078fe8f91d6d5256a
HEAD is now at d5ec8ef 'Finish hare-and-tortoise story'
sarah (master)$
```