u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob (master)

$ git clone https://github.com/SmetaninAS/cs-lab02.git project Копирование проекта из репозитария

Cloning into 'project'...

remote: Enumerating objects: 18, done.

remote: Counting objects: 100% (18/18), done.

remote: Compressing objects: 100% (14/14), done.

remote: Total 18 (delta 2), reused 18 (delta 2), pack-reused 0

Unpacking objects: 100% (18/18), done.

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob (master) текущая рабочая копия

$ cd project/ изменение рабочей копии на project

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git config user.name 'Bob (SmetaninAS)' -

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git config user.email 'bob@example.com' -настройка репозитария,чтобы коммиты были от лица Боба

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git add main.cpp Добавление в индекс

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git commit -m 'code:multiply' Создание коммита

[master 18befe0] code:multiply

1 file changed, 2 insertions(+), 1 deletion(-) 1 фаил изменён

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git status вывод информации

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

Untracked files:

(use "git add ..." to include in what will be committed)

main.exe 2 неотсслеживаемых файда

main.o

nothing added to commit but untracked files present (use "git add" to track) не добавлено в коммит но есть неотсл. файлы

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git log просмотр истории

commit 18befe082c851d75ea0667fded14746dfcb9f1c0 (HEAD -> master)

Author: Bob (SmetaninAS)

Date: Fri Mar 13 11:24:34 2020 +0300

code:multiply последний добавленный на машине боба коммит

commit 1f0ccb300240f8d34c657cdf3745aff90303989d (origin/master, origin/HEAD)

Author: Alice (SmetaninAS)

Date: Fri Mar 13 10:19:15 2020 +0300

git:ignore bin and obj коммиты добавленные ещё на машине алисы

commit a593fe316085315022cb6009d1b54b9348e541f9

Author: Alice (SmetaninAS)

Date: Fri Mar 13 10:10:48 2020 +0300

add difference коммиты добавленные ещё на машине алисы

commit 71033238ac738f102b327ceac2da44ea6e179ca2

Author: Alice (SmetaninAS)

Date: Fri Mar 13 10:01:54 2020 +0300

cout summ коммиты добавленные ещё на машине алисы

commit f491f7df8fa772fecc0535c5d67b6792d40b66b4

Author: Alice (SmetaninAS)

Date: Fri Mar 13 09:56:35 2020 +0300

change code коммиты добавленные ещё на машине алисы

commit c28b5ba9950572445815c76545b04effebf4faee

Author: Alice (SmetaninAS)

Date: Fri Mar 13 09:51:44 2020 +0300

build коммиты добавленные ещё на машине алисы

commit ee6a2e0d9d6e32fd195a86927d031aa0a613045b

Author: Alice (SmetaninAS)

Date: Fri Mar 13 09:49:32 2020 +0300

code: заготовка программы коммиты добавленные ещё на машине алисы

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git push загрузка кода в хранилище

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 369 bytes | 184.00 KiB/s, done.

Total 3 (delta 1), reused 0 (delta 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/SmetaninAS/cs-lab02.git

1f0ccb3..18befe0 master -> master

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git log вывод истории

commit 18befe082c851d75ea0667fded14746dfcb9f1c0 (HEAD -> master, origin/master,

origin/HEAD)

Author: Bob (SmetaninAS)

Date: Fri Mar 13 11:24:34 2020 +0300

code:multiply

commit 1f0ccb300240f8d34c657cdf3745aff90303989d

Author: Alice (SmetaninAS)

Date: Fri Mar 13 10:19:15 2020 +0300

git:ignore bin and obj

commit a593fe316085315022cb6009d1b54b9348e541f9

Author: Alice (SmetaninAS)

Date: Fri Mar 13 10:10:48 2020 +0300

add difference

commit 71033238ac738f102b327ceac2da44ea6e179ca2

Author: Alice (SmetaninAS)

Date: Fri Mar 13 10:01:54 2020 +0300

cout summ

commit f491f7df8fa772fecc0535c5d67b6792d40b66b4

Author: Alice (SmetaninAS)

Date: Fri Mar 13 09:56:35 2020 +0300

change code

commit c28b5ba9950572445815c76545b04effebf4faee

Author: Alice (SmetaninAS)

Date: Fri Mar 13 09:51:44 2020 +0300

build

commit ee6a2e0d9d6e32fd195a86927d031aa0a613045b

Author: Alice (SmetaninAS)

Date: Fri Mar 13 09:49:32 2020 +0300

code: заготовка программы

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git fetch загрузка кода из хранилища

remote: Enumerating objects: 5, done.

remote: Counting objects: 100% (5/5), done.

remote: Compressing objects: 100% (2/2), done.

remote: Total 3 (delta 1), reused 3 (delta 1), pack-reused 0

Unpacking objects: 100% (3/3), done.

From https://github.com/SmetaninAS/cs-lab02

18befe0..d298c86 master -> origin/master

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git pull --ff-only продвижение ветки master к скачанной из хранилища версии

Updating 18befe0..d298c86

Fast-forward

main.cpp | 3 ++-

1 file changed, 2 insertions(+), 1 deletion(-)

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git add main.cpp

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git commit -m 'cout minimum' добавление коммита с выводом минимума

[master 4e041fb] cout minimum

1 file changed, 4 insertions(+)

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git push загрузка в хранилище невозможна,так как коммит основан не на последнем существующем коммите

To https://github.com/SmetaninAS/cs-lab02.git

! [rejected] master -> master (fetch first)

error: failed to push some refs to 'https://github.com/SmetaninAS/cs-lab02.git'

hint: Updates were rejected because the remote contains work that you do

hint: not have locally. This is usually caused by another repository pushing

hint: to the same ref. You may want to first integrate the remote changes

hint: (e.g., 'git pull ...') before pushing again.

hint: See the 'Note about fast-forwards' in 'git push --help' for details.

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git fetch Загрузка из хранилища

remote: Enumerating objects: 5, done.

remote: Counting objects: 100% (5/5), done.

remote: Compressing objects: 100% (2/2), done.

remote: Total 3 (delta 1), reused 3 (delta 1), pack-reused 0

Unpacking objects: 100% (3/3), done.

From https://github.com/SmetaninAS/cs-lab02

d298c86..475fdb4 master -> origin/master раздвоение ветки мастер

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git rebase origin/master перемещение коммита поверх origin/master

First, rewinding head to replay your work on top of it...

Applying: cout minimum

Using index info to reconstruct a base tree...

M main.cpp

Falling back to patching base and 3-way merge...

Auto-merging main.cpp

CONFLICT (content): Merge conflict in main.cpp конфликт в main.cpp

error: Failed to merge in the changes. Невозможно слить изменения

hint: Use 'git am --show-current-patch' to see the failed patch

Patch failed at 0001 cout minimum

Resolve all conflicts manually, mark them as resolved with

"git add/rm ", then run "git rebase --continue".

You can instead skip this commit: run "git rebase --skip".

To abort and get back to the state before "git rebase", run "git rebase --abort"

.

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master|REBASE 1/1)

$ git add main.cpp после изменений вручную в main.cpp добавляем в индекс

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master|REBASE 1/1)

$ git rebase --continue продолжаем прерванную операцию по перемещению коммита

Applying: cout minimum применилось изменение в поиске минимума для машины боба

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git log вывод истории

commit 9d208244bf1f144b6fcda3a1dd8fe380a36a38d6 (HEAD -> master)

Author: Bob (SmetaninAS)

Date: Fri Mar 13 11:53:00 2020 +0300

cout minimum мининмум

commit 475fdb49f39cfcdc30f44876717adc508e0ebf03 (origin/master, origin/HEAD)

Author: Alice (SmetaninAS)

Date: Fri Mar 13 11:48:24 2020 +0300

cout maximum максимум

commit d298c86bd78082f27f20d09f0a831ea4406d9cd1

Author: Alice (SmetaninAS)

Date: Fri Mar 13 11:42:51 2020 +0300

code:divine деление

commit 18befe082c851d75ea0667fded14746dfcb9f1c0

Author: Bob (SmetaninAS)

Date: Fri Mar 13 11:24:34 2020 +0300

code:multiply умножение

commit 1f0ccb300240f8d34c657cdf3745aff90303989d

Author: Alice (SmetaninAS)

Date: Fri Mar 13 10:19:15 2020 +0300

git:ignore bin and obj игнорирование файлов

commit a593fe316085315022cb6009d1b54b9348e541f9

Author: Alice (SmetaninAS)

Date: Fri Mar 13 10:10:48 2020 +0300

add difference разность

commit 71033238ac738f102b327ceac2da44ea6e179ca2

Author: Alice (SmetaninAS)

Date: Fri Mar 13 10:01:54 2020 +0300

cout summ сумма

commit f491f7df8fa772fecc0535c5d67b6792d40b66b4

Author: Alice (SmetaninAS)

Date: Fri Mar 13 09:56:35 2020 +0300

change code изменения кода

commit c28b5ba9950572445815c76545b04effebf4faee

Author: Alice (SmetaninAS)

Date: Fri Mar 13 09:51:44 2020 +0300

build код build

commit ee6a2e0d9d6e32fd195a86927d031aa0a613045b

Author: Alice (SmetaninAS)

Date: Fri Mar 13 09:49:32 2020 +0300

code: заготовка программы

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)

$ git push загрузка проекта в хранилище

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 349 bytes | 174.00 KiB/s, done.

Total 3 (delta 1), reused 0 (delta 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/SmetaninAS/cs-lab02.git

475fdb4..9d20824 master -> master

u115-09@PROG-09 MINGW32 ~/Desktop/lab02/bob/project (master)