# GIT arhitektura

**A diagram of a computer system

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<https://www.slideshare.net/Simplilearn/git-tutorial-for-beginners-what-is-git-and-github-devops-tools-devops-tutorial-simplilearn>

**A diagram of a diagram

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A screenshot of a computer screen

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# Git Alat CMD

Instalirati GIT za windows (ako nije instaliran, provjeriti prisutnost fajla C:\Program Files\Git\bin\git.exe

<https://git-scm.com/download/win>

* Kreirati novi repositorij na **GITHUB-u.** Dodati nekoliko fajlova preko web-a
* Na desktop kreirati dva foldera
  + developer1
  + developer2
* Klonirati repozitorij koristeći *URL sa autentifikacijom* u folder **developer1**

**Url bez autentifikacije**

https://github.com/korisnickoime/naziv-repozitorija.git

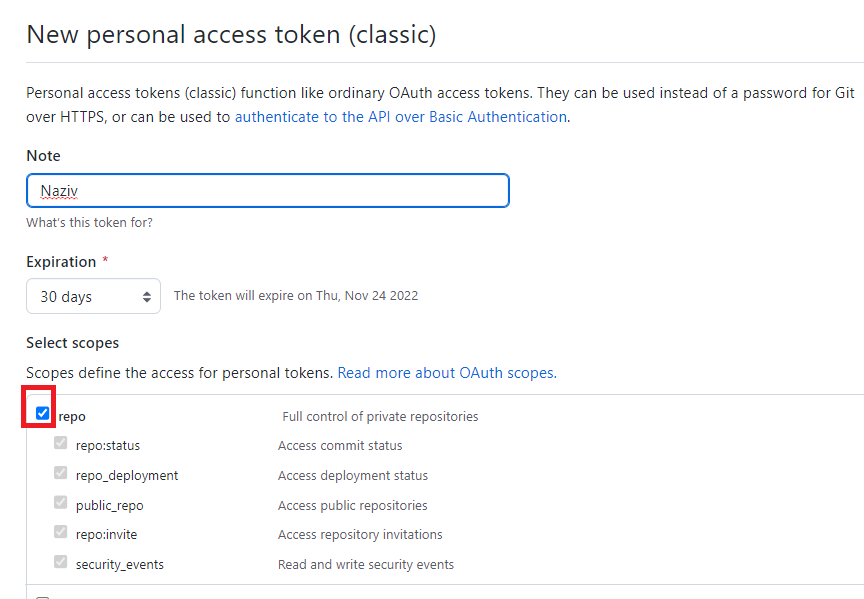
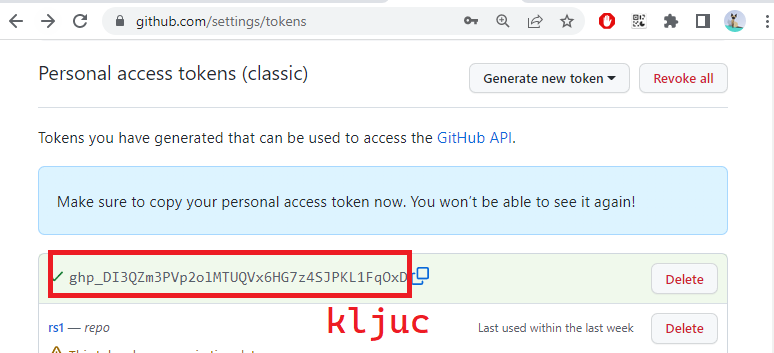
<https://github.com/adil-fit-ba/proba.git>



**Url sa autentifikacijom**

https://korisnickoime:kljuc@github.com/korisnickoime/naziv-repozitorija.git

https://**adil-fit-ba**:kljuc@github.com/**adil-fit-ba**/proba.git



Url kopirati u **Sourcetree** ili **git clone navestiurl**

## CMD GIT commande i SourceTree

* Preuzeti repozitorij na lokalni računar (**developer1**).
* Dodati fajlove (npr. Txt). Fajlovi poslati na remote repozitorij. (add, commit, push, pull)
* Preuzeti fajlove u drugi folder na lokalnom računaru (**developer2**).
* Napraviti izmjene u drugom folderu te ih poslati na remote repozitorij. Izmjene preuzeti u prvom folderu.

## Git konflikti

Napraviti git konflikt. Editovati isti fajl u oba foldera. Pokušati spojiti izmjene.

# Git alat “Fork”

<https://git-fork.com/>

A screenshot of a computer

Description automatically generated

# GIT alat “Sourcetree”

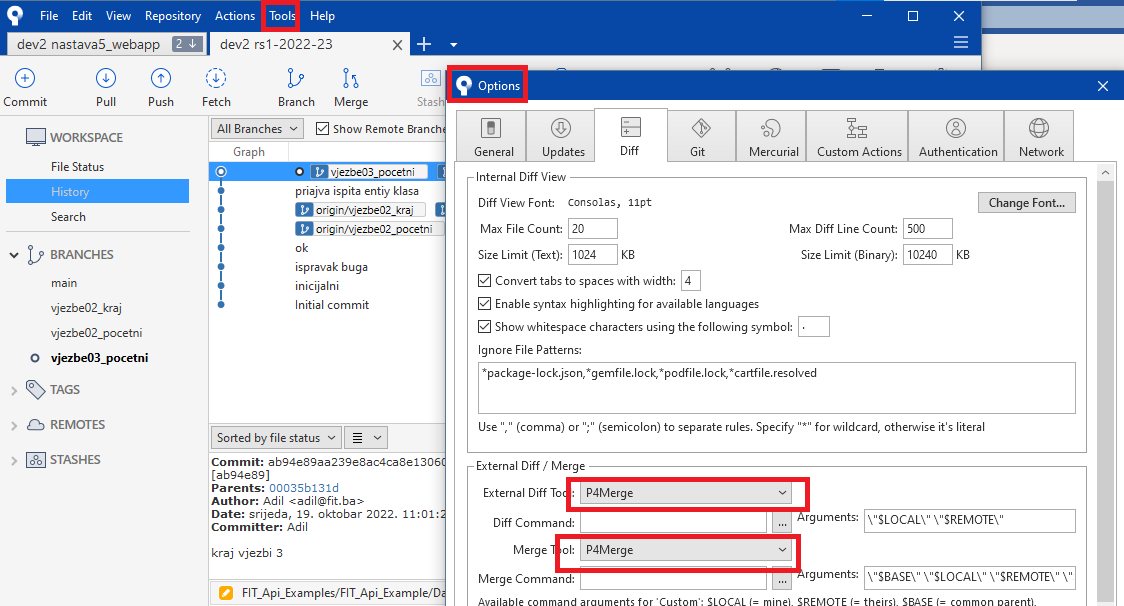
<https://www.sourcetreeapp.com/>

skip mercuar

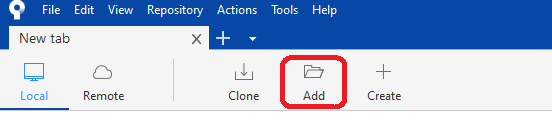
skip account za bitbucket

## Rješevanje git konflikta unutar Source tree: Instalirati p4Merge.

<https://www.perforce.com/downloads/visual-merge-tool>



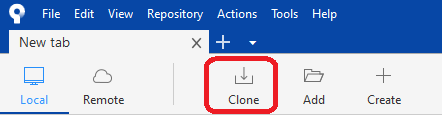
Otvorite folder **c:\tmp\developer1\MobilnaApp** preko dugmeta **Add**



Isprobajte opcije **git add**, **git commit**, **git push**, **git pull**



Isprobajte **git clone** u novi folder c:\tmp\developer3\



Ponoviti postupak

developer1: pull, izmjena koda, add, commit, push

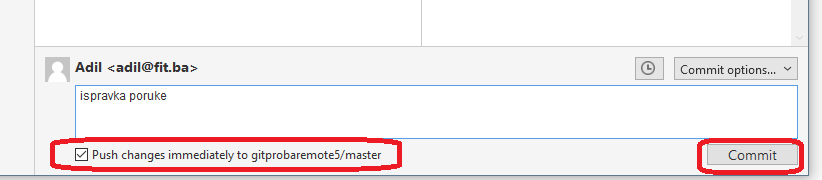
developer2: pull, izmjena koda, add, commit, push

developer1: pull, izmjena koda, add, commit, push

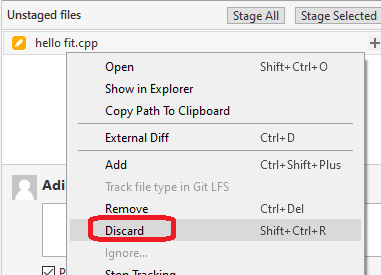
itd.

**Korisna opcija:**

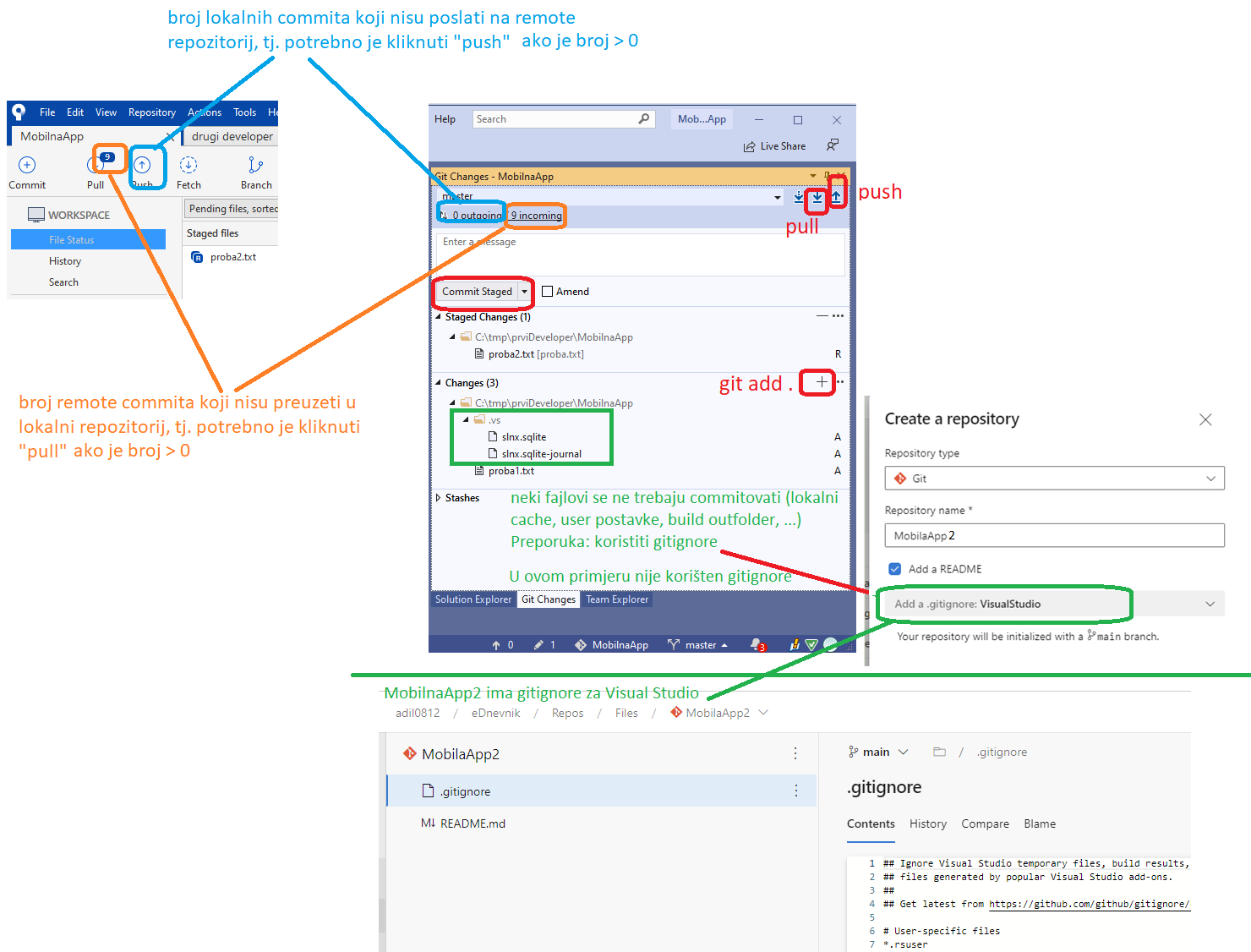
Commit + Push



**Poništavanje izmjena od zadnjeg commita**



# GIT alat unutar Visual Studio-a



# Git alat “GITHUB Desktop app”

<https://desktop.github.com/>

