

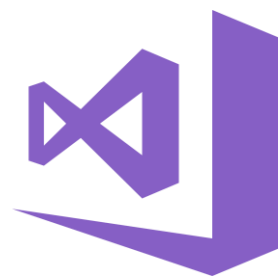


**AKADEMIA GÓRNICZO-HUTNICZA
IM. STANISŁAWA STASZICA W KRAKOWIE**

Podstawy Informatyki

Wydział Inżynierii Metali i Informatyki Przemysłowej

System kontroli wersji

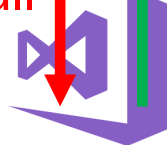


projekt

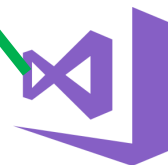
projekt



projekt



projekt



 git



 git



 git



pull

push

pull

push

pull

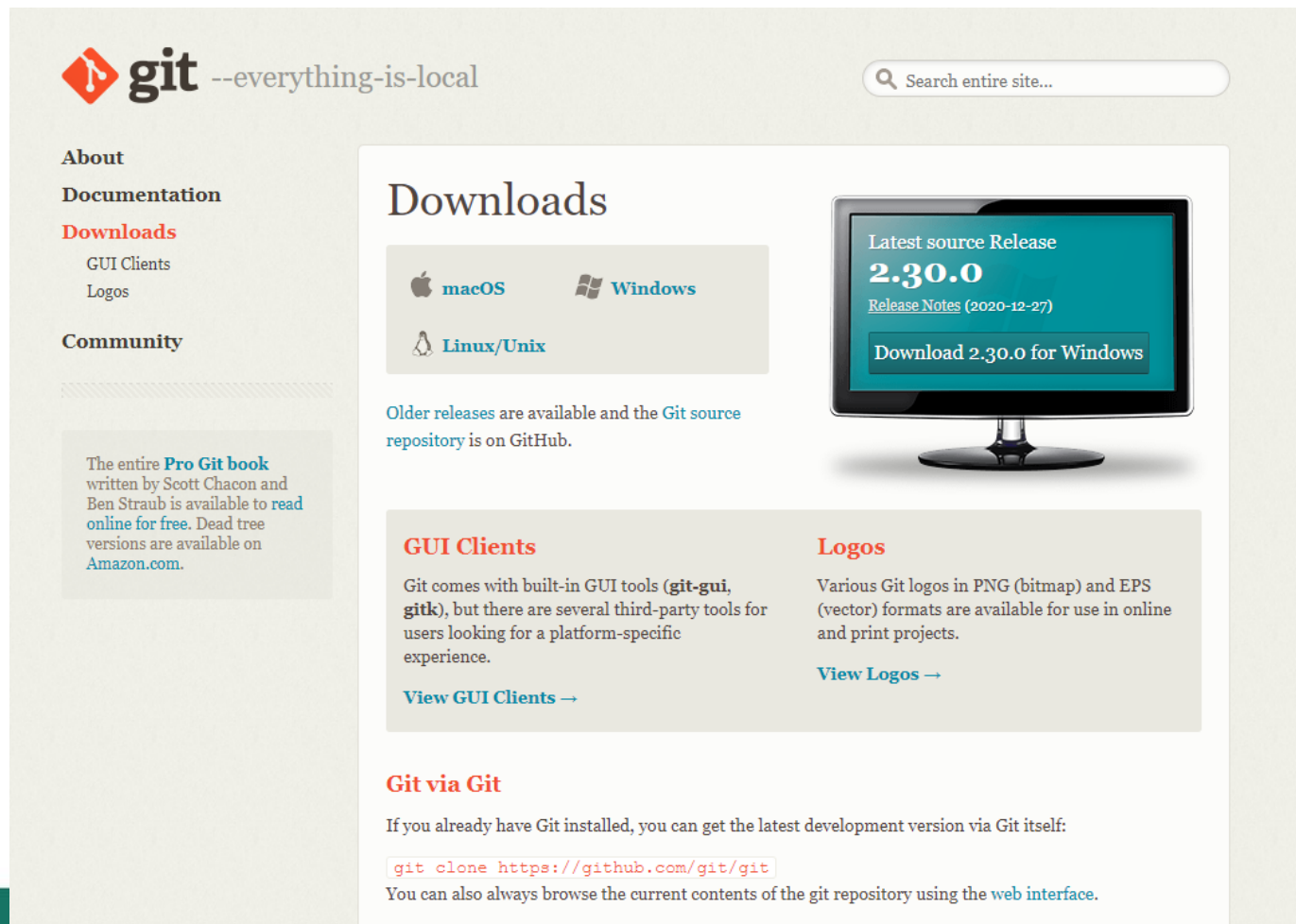
push

Kroki do wykonania

- Instalacja gita u każdego z użytkowników.
- Dodanie kodu do zdalnego repozytorium.
- Sklonowanie projektu ze zdalnego repozytorium.
- Możliwość pracy na lokalnej kopii projektu.

Instalacja

- <https://git-scm.com/downloads>



The screenshot shows the Git website's Downloads page. At the top, the Git logo and tagline "--everything-is-local" are visible. A search bar is in the top right. The left sidebar contains links for "About", "Documentation", "Downloads" (highlighted), "GUI Clients", "Logos", and "Community". Below the sidebar, a text box mentions the "Pro Git book". The main content area is titled "Downloads" and features buttons for "macOS", "Windows", and "Linux/Unix". To the right, a monitor graphic displays the "Latest source Release 2.30.0" with a link to "Release Notes (2020-12-27)" and a button to "Download 2.30.0 for Windows". Below the platform buttons, text states "Older releases are available and the Git source repository is on GitHub." Further down, there are sections for "GUI Clients" (with a link to "View GUI Clients") and "Logos" (with a link to "View Logos"). At the bottom, the "Git via Git" section provides instructions on cloning the repository and a terminal command: `git clone https://github.com/git/git`.

git --everything-is-local

Search entire site...

About
Documentation
Downloads
GUI Clients
Logos
Community

The entire **Pro Git book** written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

Downloads

macOS Windows Linux/Unix

Latest source Release
2.30.0
[Release Notes \(2020-12-27\)](#)
Download 2.30.0 for Windows

Older releases are available and the Git source repository is on GitHub.

GUI Clients

Git comes with built-in GUI tools (**git-gui**, **gitk**), but there are several third-party tools for users looking for a platform-specific experience.

[View GUI Clients →](#)

Logos

Various Git logos in PNG (bitmap) and EPS (vector) formats are available for use in online and print projects.

[View Logos →](#)

Git via Git

If you already have Git installed, you can get the latest development version via Git itself:

```
git clone https://github.com/git/git
```

You can also always browse the current contents of the git repository using the [web interface](#).

<https://github.com/>
<https://bitbucket.org/>

Utworzenie zdalnego repozytorium



You have an empty repository

To get started you will need to run these commands in your terminal.

Configure Git for the first time

```
git config --global user.name "Mateusz Sitko"
git config --global user.email "msitko@agh.edu.pl"
```

Working with your repository

I just want to clone this repository

If you want to simply clone this empty repository then run this command in your terminal.

```
git clone https://git. .git
```

My code is ready to be pushed

If you already have code ready to be pushed to this repository then run this in your terminal.

```
cd existing-project
git init
git add --all
git commit -m "Initial Commit"
git remote add origin https://git. /testpi.git
git push -u origin master
```

My code is already tracked by Git

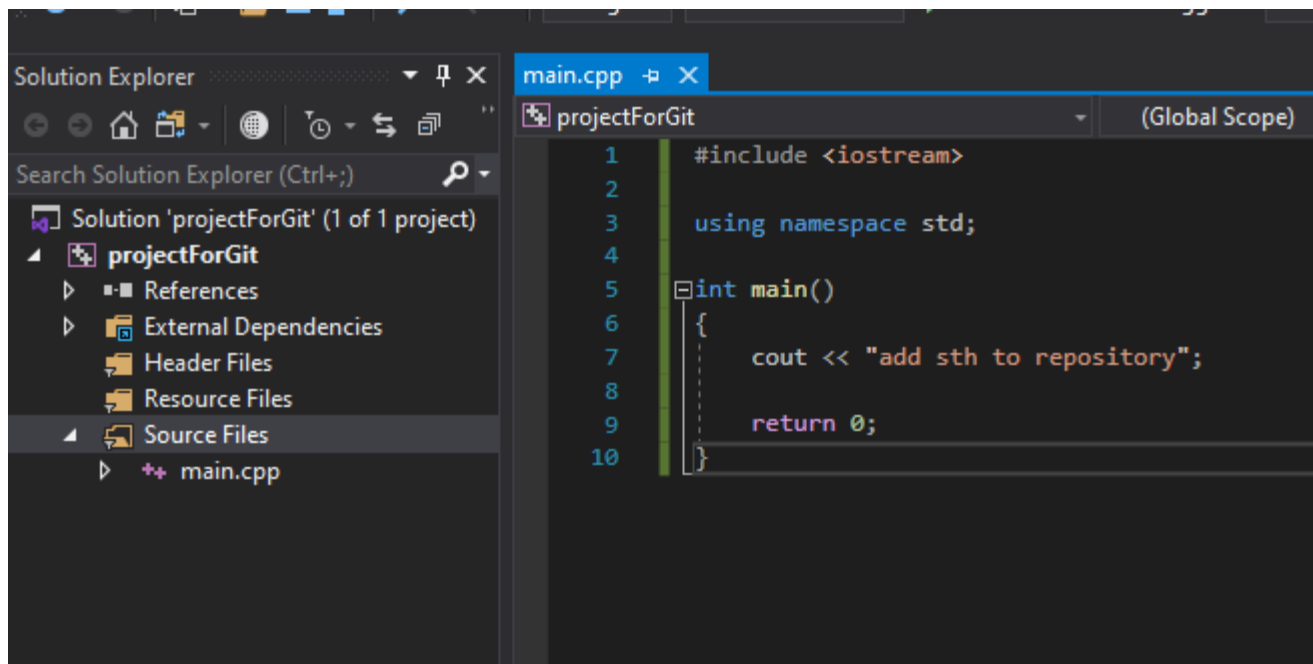
If your code is already tracked by Git then set this repository as your "origin" to push to.

```
cd existing-project
git remote set-url origin https://git. /testpi.git
git push -u origin --all
git push origin --tags
```

All done with the commands?

[Refresh](#)

Tworzenie projektu





Utworzenie repozytorium

```
cd existing-project
```

```
git init
```

```
git add --all
```

```
git commit -m "Initial Commit"
```

```
git remote add origin https://git.xxxxxxxxxxxxxx.git
```

```
git push -u origin master
```

Dodanie ścieżki zdalnej

Windows PowerShell

```
PS G:\repos\projectForGit> git init
Initialized empty Git repository in G:/repos/projectForGit/.git/
PS G:\repos\projectForGit> git add --all
PS G:\repos\projectForGit> git commit -m "Initial Commit"
[master (root-commit) 012c1e7] Initial Commit
 8 files changed, 212 insertions(+)
 create mode 100644 .vs/projectForGit/v16/.suo
 create mode 100644 .vs/projectForGit/v16/Browse.VC.db
 create mode 100644 .vs/projectForGit/v16/ipch/AutoPCH/814c9acd4435c23f/MAIN.ipch
 create mode 100644 projectForGit.sln
 create mode 100644 projectForGit/main.cpp
 create mode 100644 projectForGit/projectForGit.vcxproj
 create mode 100644 projectForGit/projectForGit.vcxproj.filters
 create mode 100644 projectForGit/projectForGit.vcxproj.user
PS G:\repos\projectForGit> git remote add origin https://git.           /testpi.git
PS G:\repos\projectForGit> git push -u origin master
Enumerating objects: 17, done.
Counting objects: 100% (17/17), done.
Delta compression using up to 6 threads
Compressing objects: 100% (12/12), done.
Writing objects: 100% (17/17), 8.04 MiB | 3.60 MiB/s, done.
Total 17 (delta 1), reused 0 (delta 0), pack-reused 0
To https://git.           /testpi.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
PS G:\repos\projectForGit>
```



Bitbucket

Projekty

Repositories 



Mateusz Sitko / testPI



Source



 master 



testPI /



Source

Description

 .vs/projectForGit/v16

 projectForGit



 projectForGit.sln

Initial Commit



Labels

Add unique labels to this repository



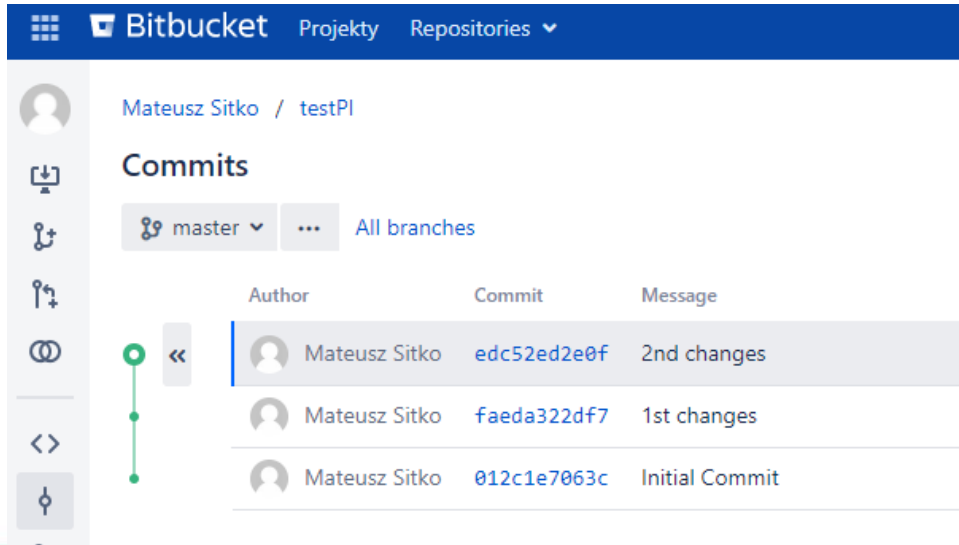
Wysyłanie/odbieranie zmian

```
Windows PowerShell
PS G:\repos\projectForGit> git commit -a -m "2nd changes"
[master edc52ed] 2nd changes
 2 files changed, 3 insertions(+)
PS G:\repos\projectForGit> git push -u origin master
Enumerating objects: 15, done.
Counting objects: 100% (15/15), done.
Delta compression using up to 6 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (8/8), 1.09 KiB | 1.09 MiB/s, done.
Total 8 (delta 4), reused 0 (delta 0), pack-reused 0
To https://git.testpi.pl/testpi.git
   faeda32..edc52ed  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
PS G:\repos\projectForGit>
```

git commit -a -m „2nd commit”
git push -u origin master

```
Windows PowerShell
PS G:\repos\projectForGit> git pull
Already up to date.
PS G:\repos\projectForGit>
```

git pull



Bitbucket Projekty Repositories

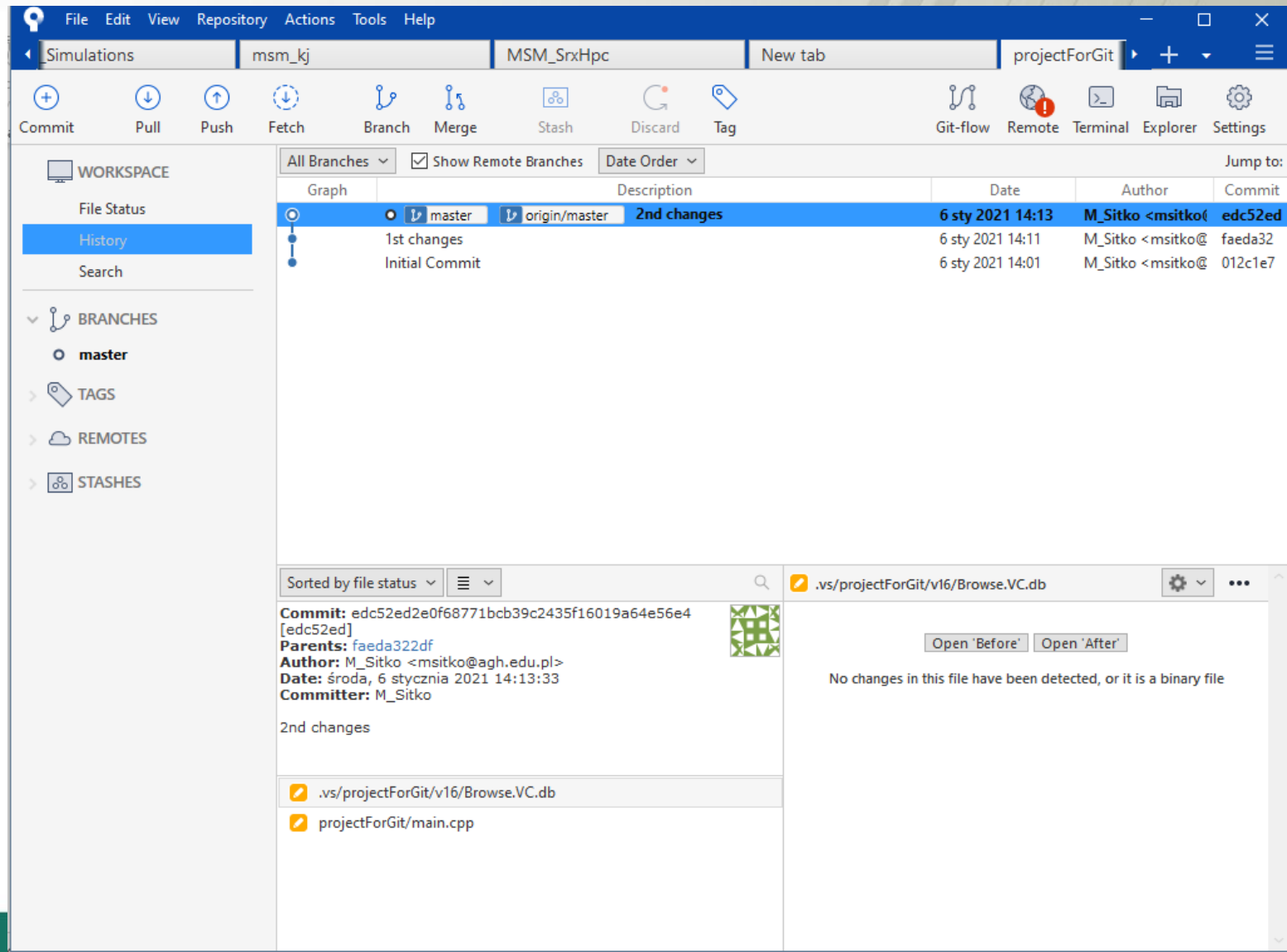
Mateusz Sitko / testPI

Commits

master All branches

	Author	Commit	Message
<<	Mateusz Sitko	edc52ed2e0f	2nd changes
	Mateusz Sitko	faeda322df7	1st changes
	Mateusz Sitko	012c1e7063c	Initial Commit

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



The screenshot displays the Sourcetree application interface. The top menu bar includes File, Edit, View, Repository, Actions, Tools, and Help. The main toolbar contains icons for Commit, Pull, Push, Fetch, Branch, Merge, Stash, Discard, Tag, Git-flow, Remote, Terminal, Explorer, and Settings. The left sidebar shows the Workspace panel with File Status, History, and Search options, and the BRANCHES panel with a list of branches including master.

The main area shows a commit history table with the following data:

Graph	Description	Date	Author	Commit
●	2nd changes	6 sty 2021 14:13	M_Sitko <msitko@agh.edu.pl>	edc52ed
●	1st changes	6 sty 2021 14:11	M_Sitko <msitko@agh.edu.pl>	faeda32
●	Initial Commit	6 sty 2021 14:01	M_Sitko <msitko@agh.edu.pl>	012c1e7

The bottom panel shows the file diff view for the selected commit. The commit details are as follows:

- Commit:** edc52ed2e0f68771bcb39c2435f16019a64e56e4 [edc52ed]
- Parents:** faeda322df
- Author:** M_Sitko <msitko@agh.edu.pl>
- Date:** środa, 6 stycznia 2021 14:13:33
- Committer:** M_Sitko

The file list shows the following files:

- .vs/projectForGit/v16/Browse.VC.db
- projectForGit/main.cpp

The diff view for the selected file shows no changes detected.