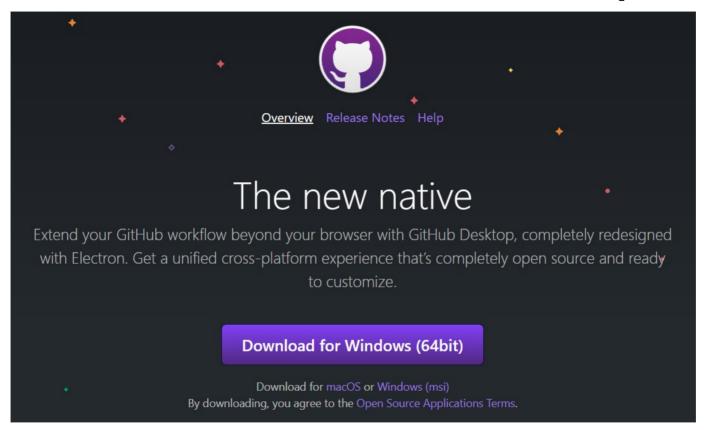
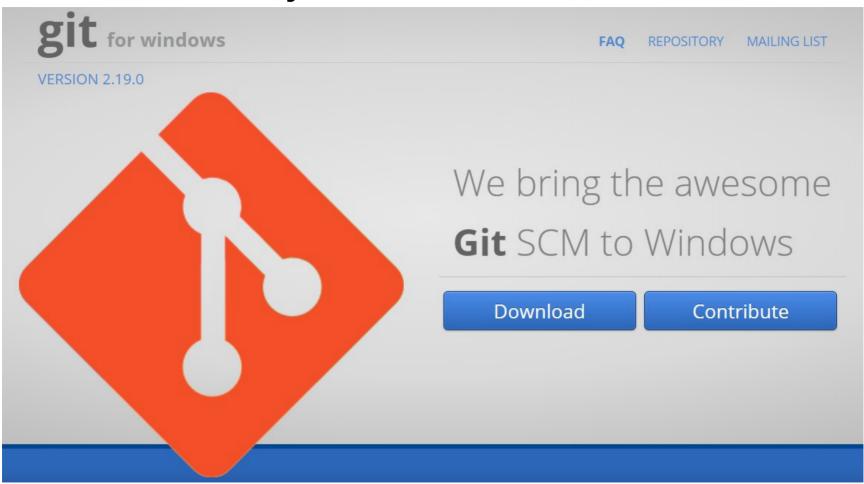


Pobieranie GitHub desktop



https://desktop.github.com/

Projekt Git for Windows



https://gitforwindows.org/

Projekt Git for Windows c.d.

Git for Windows focuses on offering a lightweight, native set of tools that bring the full feature set of the <u>Git SCM</u> to Windows while providing appropriate user interfaces for experienced Git users and novices alike.

Git BASH

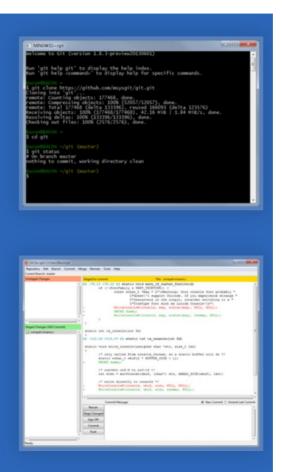
Git for Windows provides a BASH emulation used to run Git from the command line. *NIX users should feel right at home, as the BASH emulation behaves just like the "git" command in LINUX and UNIX environments.

Git GUI

As Windows users commonly expect graphical user interfaces, Git for Windows also provides the Git GUI, a powerful alternative to Git BASH, offering a graphical version of just about every Git command line function, as well as comprehensive visual diff tools.

Shell Integration

Simply right-click on a folder in Windows Explorer to access the BASH or GUI.



https://gitforwindows.org/

Downloading Git



Your download is starting...

You are downloading the latest (2.19.0) 64-bit version of Git for Windows. This is the most recent maintained build. It was released 22 days ago, on 2018-09-13.

If your download hasn't started, click here to download manually.

Other Git for Windows downloads

Git for Windows Setup
32-bit Git for Windows Setup.

64-bit Git for Windows Setup.

Git for Windows Portable ("thumbdrive edition") 32-bit Git for Windows Portable.

64-bit Git for Windows Portable.

The current source code release is version 2.19.0. If you want the newer version, you can build it from the source code.

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

Nazwa	Stan	Data modyfikacji	Тур	Rozmiar
Git-2.19.0-64-bit	⊗	05.10.2018 01:31	Aplikacja	42 389 KB

Przed instalacją:

```
Microsoft Windows [Version 10.0.17134.286]
(c) 2018 Microsoft Corporation. Wszelkie prawa zastrzeżone.

C:\Users\jakub>git --version
'git' is not recognized as an internal or external command,
operable program or batch file.
```

Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.
Additional icons
On the Desktop
✓ Windows Explorer integration
✓ Git Bash Here
Git GUI Here
✓ Git LFS (Large File Support)
Associate .git* configuration files with the default text editor
Associate .sh files to be run with Bash
Use a TrueType font in all console windows
Check daily for Git for Windows updates
Current selection requires at least 237,0 MB of disk space.



Adjusting your PATH environment

How would you like to use Git from the command line?



Use Git from Git Bash only

This is the safest choice as your PATH will not be modified at all. You will only be able to use the Git command line tools from Git Bash.

Use Git from the Windows Command Prompt

This option is considered safe as it only adds some minimal Git wrappers to you PATH to avoid cluttering your environment with optional Unix tools. You will be able to use Git from both Git Bash and the Windows Command Prompt.

Use Git and optional Unix tools from the Windows Command Prompt

Both Git and the optional Unix tools will be added to your PATH. Warning: This will override Windows tools like "find" and "sort". Only use this option if you understand the implications.

Choosing HTTPS transport backend

Which SSL/TLS library would you like Git to use for HTTPS connections?



Use the OpenSSL library

Server certificates will be validated using the ca-bundle.crt file.

Use the native Windows Secure Channel library

Server certificates will be validated using Windows Certificate Stores.

This option also allows you to use your company's internal Root CA certificates distributed e.g. via Active Directory Domain Services.

Configuring the line ending conversions

How should Git treat line endings in text files?



Checkout Windows-style, commit Unix-style line endings

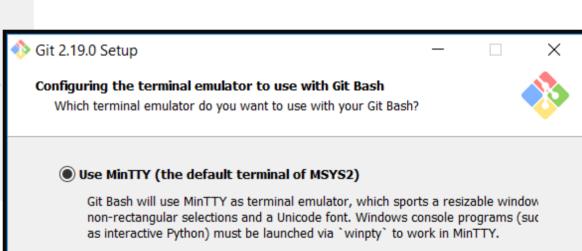
Git will convert LF to CRLF when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Windows ("core.autocrlf" is set to "true").

Checkout as-is, commit Unix-style line endings

Git will not perform any conversion when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Unix ("core.autocrlf" is set to "input").

Checkout as-is, commit as-is

Git will not perform any conversions when checking out or committing text files. Choosing this option is not recommended for cross-platform projects ("core.autocrlf" is set to "false").



Git will use the default console window of Windows ("cmd.exe"), which works v with Win32 console programs such as interactive Python or node.js, but has a very limited default scroll-back, needs to be configured to use a Unicode font in order to display non-ASCII characters correctly, and prior to Windows 10 its window was not freely resizable and it only allowed rectangular text selections.

Use Windows' default console window

Configuring extra options

Which features would you like to enable?



Enable file system caching

File system data will be read in bulk and cached in memory for certain operations ("core.fscache" is set to "true"). This provides a significant performance boost.

✓ Enable Git Credential Manager

The <u>Git Credential Manager for Windows</u> provides secure Git credential storage for Windows, most notably multi-factor authentication support for Visual Studio Team Services and GitHub. (requires .NET framework v4.5.1 or later).

Enable symbolic links

Enable <u>symbolic links</u> (requires the SeCreateSymbolicLink permission). Please note that existing repositories are unaffected by this setting.

Configuring experimental options

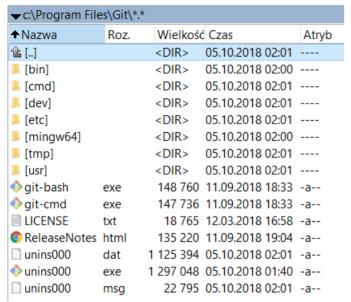
Which bleeding-edge features would you like to enable?

Enable experimental, built-in rebase

(NEW!) Use the experimental built-in rebase (about 70% faster, but only lightly tested).

Enable experimental, built-in stash

(NEW!) Use the experimental built-in stash (about 90% faster, but only lightly tested).



Edycja zmiennej środowiskowej

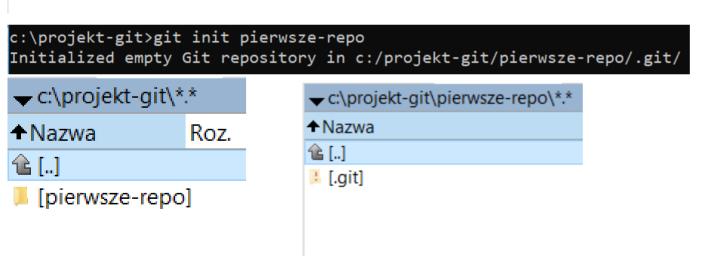
```
%SystemRoot%\system32
%SystemRoot%
%SystemRoot%\System32\Wbem
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\
%SYSTEMROOT%\System32\OpenSSH\
C:\Program Files\Git\cmd
```

Po instalacji:

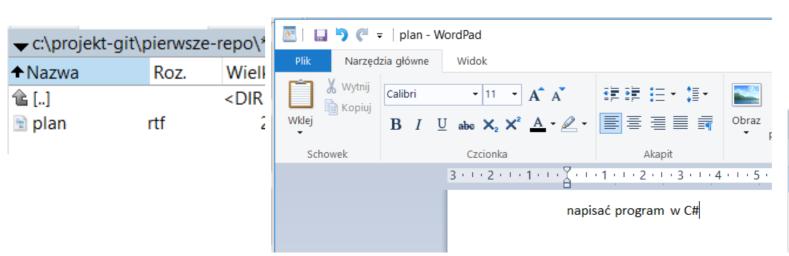
C:\Users\jakub>git --version
git version 2.19.0.windows.1

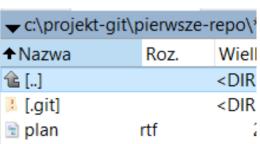


```
c:\projekt-git>git status
fatal: not a git repository (or any of the parent directories): .git
```



```
c:\projekt-git>cd pierwsze-repo
c:\projekt-git\pierwsze-repo>git status
On branch master
No commits yet
nothing to commit (create/copy files and use "git add" to track)
```





```
c:\projekt-git\pierwsze-repo>git add plan.rtf
```

```
c:\projekt-git\pierwsze-repo>git status
On branch master

No commits yet

Changes to be committed:
   (use "git rm --cached <file>..." to unstage)

   new file: plan.rtf
```

c:\projekt-git\pierwsze-repo>git log fatal: your current branch 'master' does not have any commits yet

```
c:\projekt-git\pierwsze-repo>git commit -m "Dodano plik plan.rtf"

*** Please tell me who you are.

Run

git config --global user.email "you@example.com"
 git config --global user.name "Your Name"

to set your account's default identity.

Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'jakub@DESKTOP-BAPEISP.(none)')
```

```
c:\projekt-git\pierwsze-repo>git config user.email "jakub@domena.pl"
c:\projekt-git\pierwsze-repo>git config user.name "Jakub Długosz"
```

```
c:\projekt-git\pierwsze-repo>git commit -m "Dodano plik plan.rtf"
[master (root-commit) 15c50aa] Dodano plik plan.rtf
  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 plan.rtf
```

```
c:\projekt-git\pierwsze-repo>git status
On branch master
nothing to commit, working tree clean
```

```
c:\projekt-git\pierwsze-repo>git branch
* master
```

```
c:\projekt-git\pierwsze-repo>git log
commit 15c50aa1d33251b105aa455dee11294e7369a269 (HEAD -> master)
Author: Jakub D<C5><82>ugosz <jakub@domena.pl>
Date: Fri Oct 5 02:51:01 2018 +0200

Dodano plik plan.rtf
```

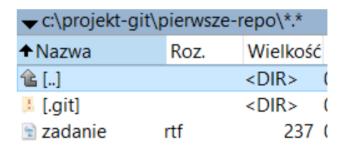
```
c:\projekt-git\pierwsze-repo>git show 15c50aa1d33251b105aa455dee11294e7369a269
commit 15c50aa1d33251b105aa455dee11294e7369a269 (HEAD -> master)
Author: Jakub D<mark><C5><82></mark>ugosz <jakub@domena.pl>
Date: Fri Oct 5 02:51:01 2018 +0200
    Dodano plik plan.rtf
diff --git a/plan.rtf b/plan.rtf
new file mode 100644
index 0000000..a988474
--- /dev/null
+++ b/plan.rtf
@@ -0.0 +1.5 @@
+{\rtf1\ansi\deff0\nouicompat{\fonttbl{\f0\fnil\fcharset238 Calibri;}{\f1\fnil\fcharset0 Calibri;}}^M
+{\*\generator Riched20 10.0.17134}\viewkind4\uc1 ^M
+\pard\sa200\sl276\slmult1\f0\fs22\lang1045 napisa\'e6 program w C#\f1\lang21\par<mark>^M</mark>
  No newline at end of file
```

```
c:\projekt-git\pierwsze-repo>git log --follow plan.rtf
commit 15c50aa1d33251b105aa455dee11294e7369a269 (HEAD -> master)
Author: Jakub D<C5><82>ugosz <jakub@domena.pl>
Date: Fri Oct 5 02:51:01 2018 +0200

Dodano plik plan.rtf
```

c:\projekt-git\pierwsze-repo>git mv plan.rtf zadanie.rtf

```
c:\projekt-git\pierwsze-repo>git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)
    renamed: plan.rtf -> zadanie.rtf
```



```
c:\projekt-git\pierwsze-repo>git commit -m "zmieniono nazwę pliku na zadanie"
[master c98f40c] zmieniono nazwę pliku na zadanie
  1 file changed, 0 insertions(+), 0 deletions(-)
  rename plan.rtf => zadanie.rtf (100%)
```

```
c:\projekt-git\pierwsze-repo>git status
On branch master
nothing to commit, working tree clean
```

```
c:\projekt-git\pierwsze-repo>git log
commit c98f40c7d944cd7c378e23b2b78ec2c8b64dcf2a (HEAD -> master)
Author: Jakub D<a href="cc5><82">cc5><82</a> ugosz <jakub@domena.pl>
Date: Fri Oct 5 03:09:36 2018 +0200

zmieniono nazw<a href="cc4><99">cc4><99</a> pliku na zadanie

commit 15c50aa1d33251b105aa455dee11294e7369a269
Author: Jakub D<a href="cc5><82">cc5><82</a> ugosz <jakub@domena.pl>
Date: Fri Oct 5 02:51:01 2018 +0200

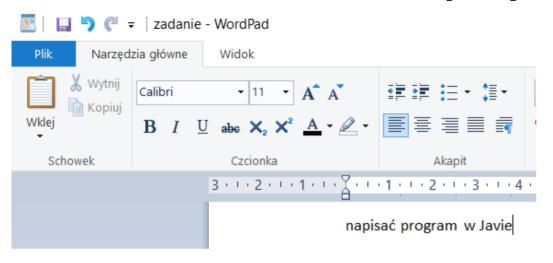
Dodano plik plan.rtf
```

```
c:\projekt-git\pierwsze-repo>git log --follow "zadanie.rtf"
commit c98f40c7d944cd7c378e23b2b78ec2c8b64dcf2a (HEAD -> master)
Author: Jakub D<a href="mailto:c5><82">C5><82</a> ugosz <jakub@domena.pl>
Date: Fri Oct 5 03:09:36 2018 +0200

zmieniono nazw<a href="mailto:c4><99">C4><99</a> pliku na zadanie

commit 15c50aa1d33251b105aa455dee11294e7369a269
Author: Jakub D<a href="mailto:c5><82">C5><82</a> ugosz <jakub@domena.pl>
Date: Fri Oct 5 02:51:01 2018 +0200

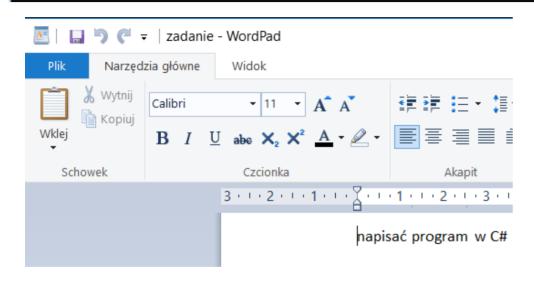
Dodano plik plan.rtf
```



```
c:\projekt-git\pierwsze-repo>git diff
diff --git a/zadanie.rtf b/zadanie.rtf
index a988474..a070e19 100644
--- a/zadanie.rtf
+++ b/zadanie.rtf
+++ b/zadanie.rtf
@@ -1,5 +1,5 @@
-{\rtf1\ansi\deff0\nouicompat{\fonttbl{\f0\fnil\fcharset238 Calibri;}{\f1\fnil\fcharset0 Calibri;}}
+{\rtf1\ansi\ansicpg1250\deff0\nouicompat{\fonttbl{\f0\fnil\fcharset238 Calibri;}{\f1\fnil\fcharset0 Calibri;}}^M
    {\*\generator Riched20 10.0.17134}\viewkind4\uc1
-\pard\sa200\s1276\s1mult1\f0\fs22\lang1045 napisa\'e6 program w C#\f1\lang21\par
+\pard\sa200\s1276\s1mult1\f0\fs22\lang1045 napisa\'e6 program w Javie\f1\lang21\par
-\normallowedaparanal color of file
```

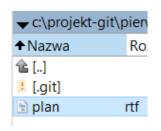
```
c:\projekt-git\pierwsze-repo>git log
commit 0861272b2e5dd21f659a7f8610d7b33117adca01 (HEAD -> master)
Author: Jakub D<mark><C5><82></mark>ugosz <jakub@domena.pl>
        Fri Oct 5 03:25:51 2018 +0200
Date:
    zmieniono technologi<C4><99> z C# na Java
commit c98f40c7d944cd7c378e23b2b78ec2c8b64dcf2a
Author: Jakub D<mark><C5><82></mark>ugosz <jakub@domena.pl>
Date:
        Fri Oct 5 03:09:36 2018 +0200
    zmieniono nazw<C4><99> pliku na zadanie
commit 15c50aa1d33251b105aa455dee11294e7369a269
Author: Jakub D<mark><C5><82></mark>ugosz <jakub@domena.pl>
        Fri Oct 5 02:51:01 2018 +0200
Date:
    Dodano plik plan.rtf
```

c:\projekt-git\pierwsze-repo>git reset --hard c98f40c7d944cd7c378e23b2b78ec2c8b64dcf2a HEAD is now at c98f40c zmieniono nazwę pliku na zadanie



```
c:\projekt-git\pierwsze-repo>git log
commit c98f40c7d944cd7c378e23b2b78ec2c8b64dcf2a (HEAD -> master)
Author: Jakub D<a href="text-color: c98; color: blue; color: blue;
```

```
c:\projekt-git\pierwsze-repo>git reset --hard 15c50aa1d33251b105aa455dee11294e7369a269
HEAD is now at 15c50aa Dodano plik plan.rtf
```



```
c:\projekt-git\pierwsze-repo>git log
commit 15c50aa1d33251b105aa455dee11294e7369a269 (HEAD -> master)
Author: Jakub D<C5><82>ugosz <jakub@domena.pl>
Date: Fri Oct 5 02:51:01 2018 +0200

Dodano plik plan.rtf
```

```
c:\projekt-git\pierwsze-repo>git config --list
core.symlinks=false
core.autocrlf=true
core.fscache=true
color.diff=auto
color.status=auto
color.branch=auto
color.interactive=true
help.format=html
rebase.autosquash=true
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
http.sslbackend=openssl
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
credential.helper=manager
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true
user.email=jakub@domena.pl
user.name=Jakub D<mark><C5><82></mark>ugosz
```

```
c:\projekt-git\pierwsze-repo>git config user.name
Jakub Długosz
c:\projekt-git\pierwsze-repo>git config user.email
jakub@domena.pl
```