

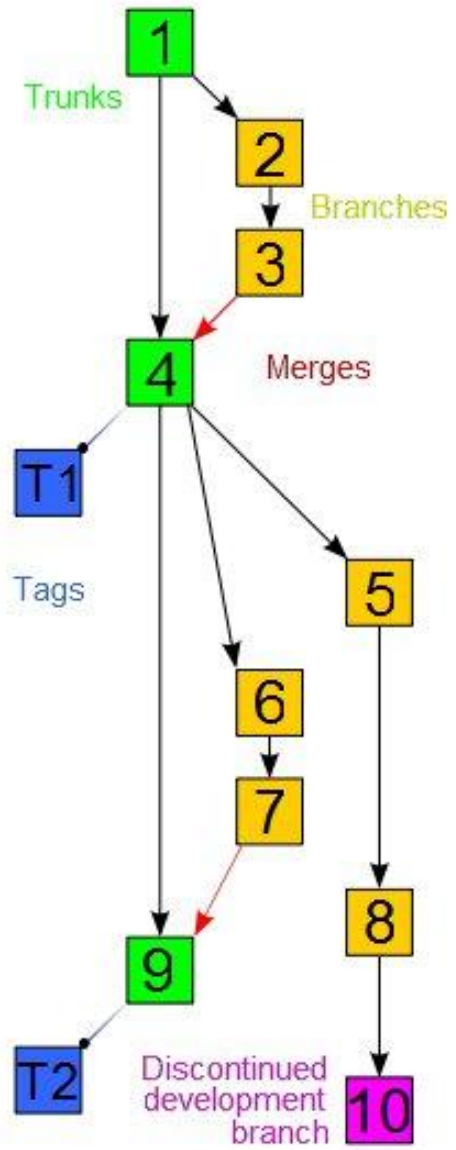


Systemy kontroli wersji

Czyli jak śledzić siebie
samego

RCS

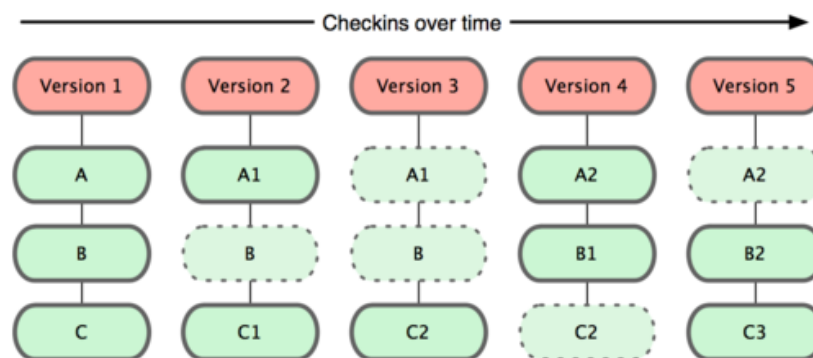
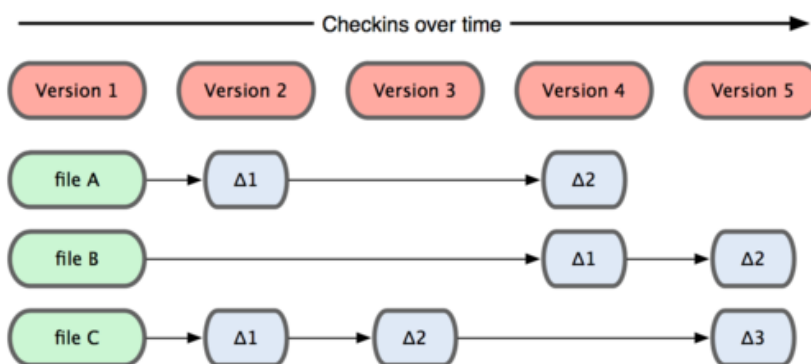
- **System kontroli wersji** (ang. version/revision control system) jest to oprogramowanie służące do:
 - śledzenia zmian głównie w kodzie źródłowym
 - pomocy programistom w łączeniu i modyfikacji zmian dokonanych przez wiele osób w różnych momentach.



Rodzaje repozytoriów

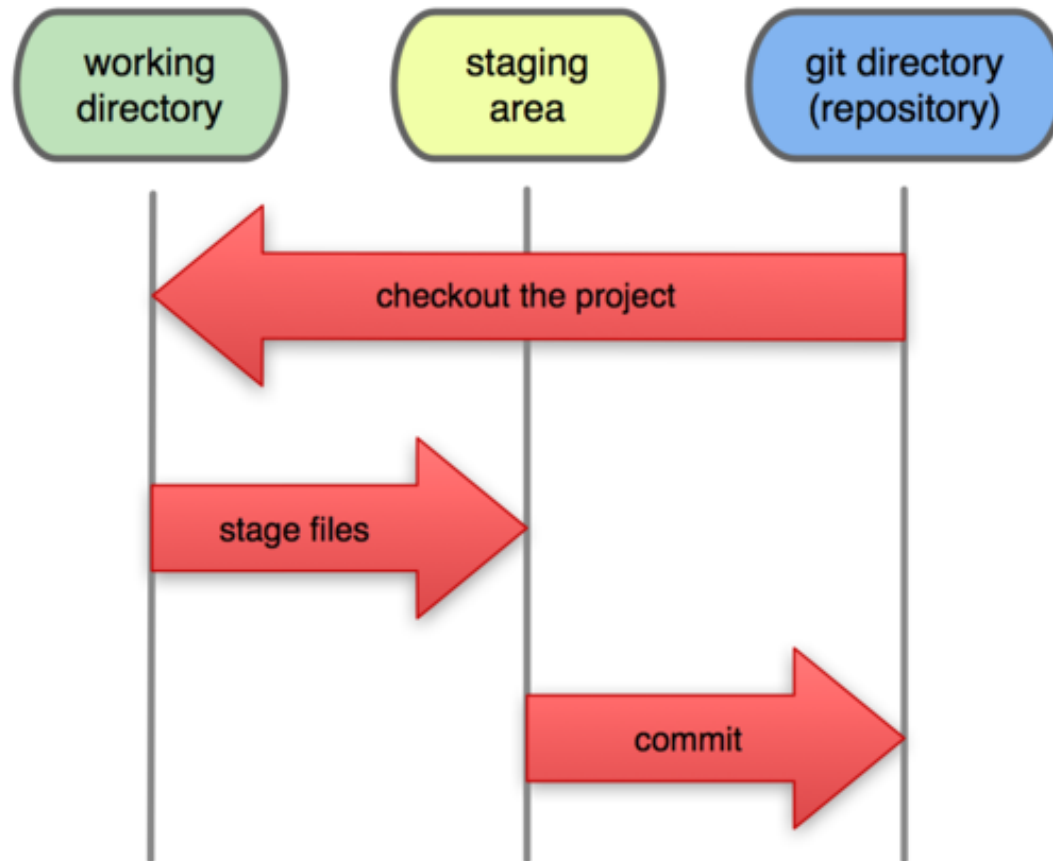
- Wolnodostępne systemy kontroli wersji:
 - Scentralizowane:
 - RCS
 - CVS
 - Subversion
 - GNU CSSC, klon SCCS
 - JEDI VCS
 - Rozproszone:
 - Bazaar
 - Codeville
 - Darcs
 - Git
 - GNU Arch
 - Mercurial
 - Monotone
 - svk
- Zamknięte (własnościowe) systemy kontroli wersji:
 - BitKeeper firmy BitMover
 - Code Co-op firmy Reliable Software
 - Perforce firmy Perforce Software
 - Rational ClearCase firmy IBM
 - Sablime firmy Lucent Technologies
 - StarTeam firmy Borland
 - Visual SourceSafe firmy Microsoft
 - Visual Studio Team Foundation Server firmy Microsoft

Jak to w ogóle działa?



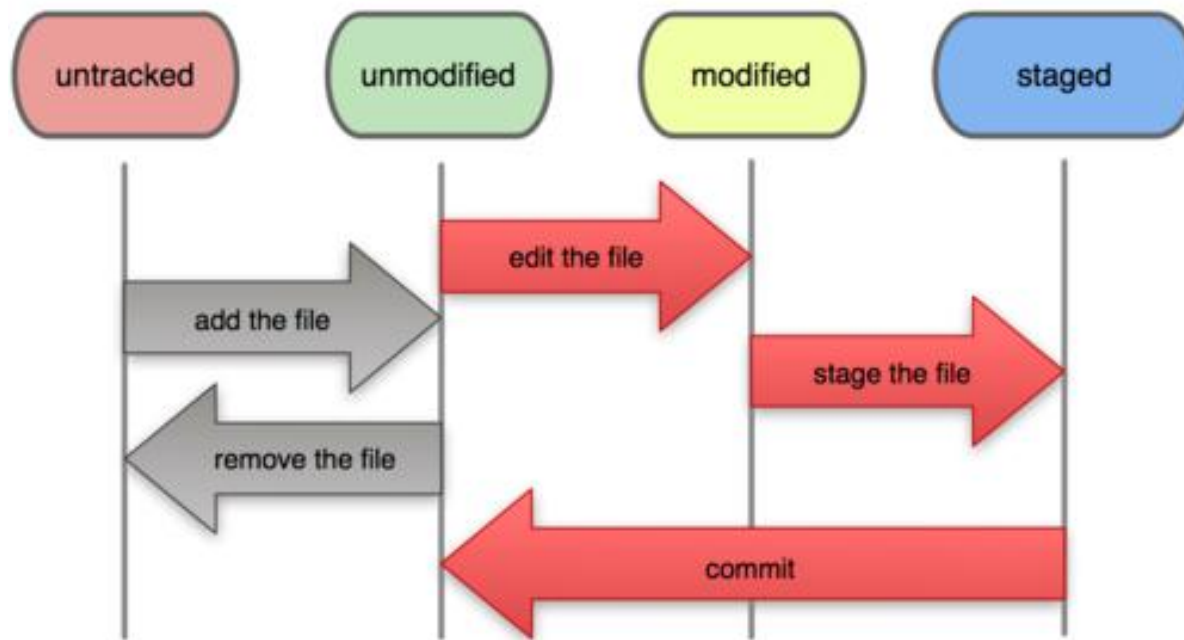
Lokalnie vs. globalnie

Local Operations



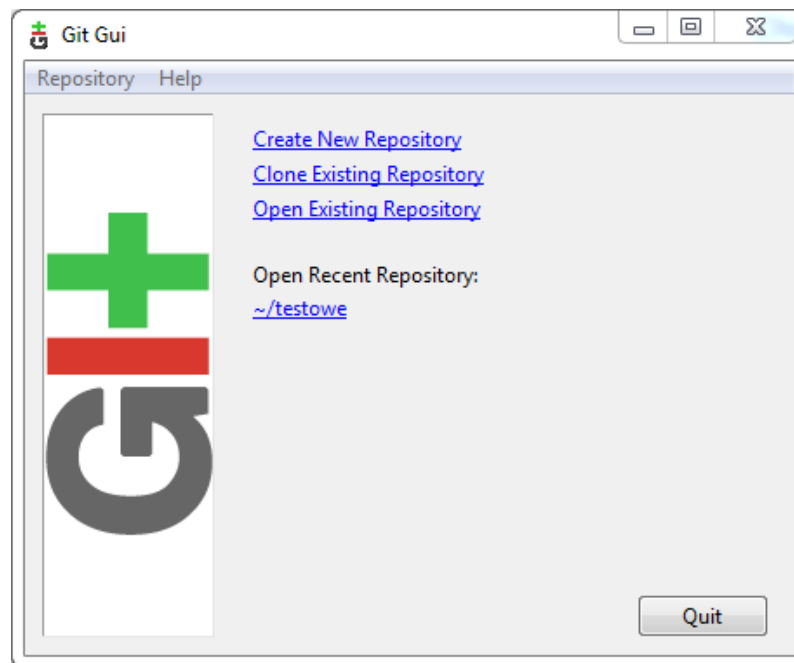
Status pliku

File Status Lifecycle



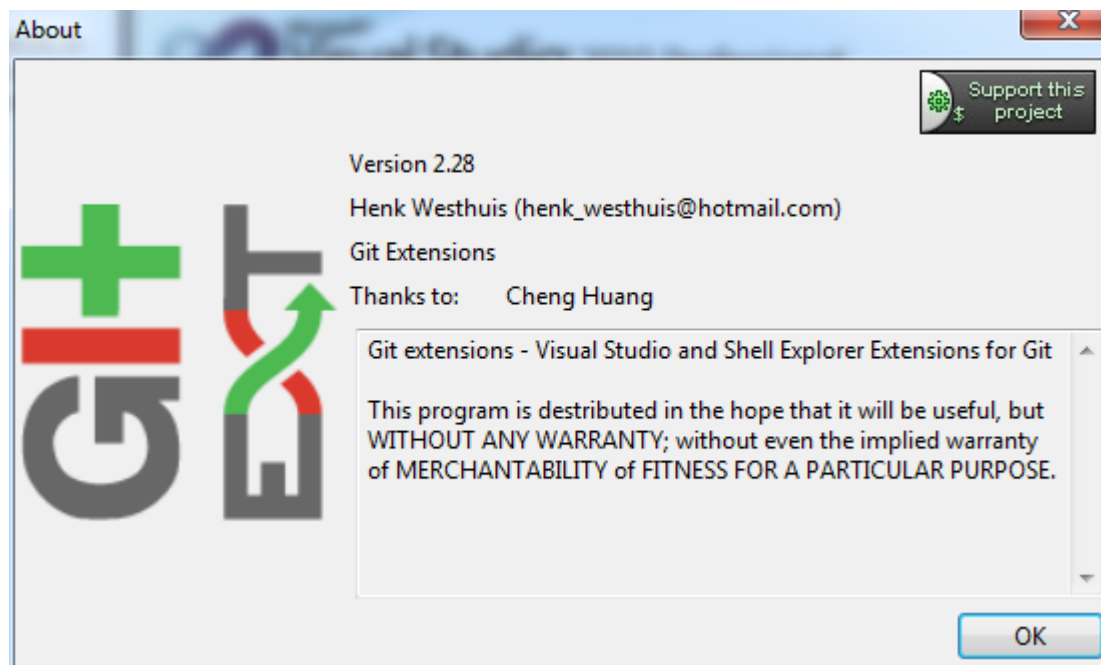
Zabawę czas zacząć

- <https://code.google.com/p/msysgit/downloads/list>



Zabawę czas zacząć

- <https://code.google.com/p/gitextensions/>



A na deser - GitHub

The screenshot shows the GitHub user profile page for 'tjach'. At the top, there is a navigation bar with the GitHub logo, a search bar, and links for 'Explore', 'Gist', 'Blog', and 'Help'. Below the navigation bar, the user's profile information is displayed, including the username 'tjach' and a 'ProTip™' message. The main content area features a 'GitHub Bootcamp' section with four numbered steps:

- Set Up Git**
A quick guide to help you get started with Git.
- Create A Repository**
Create the place where your commits will be stored.
- Fork a Repository**
Copy a repo to create a new, unique project from its contents.
- Be social**
Follow a friend. Watch a project.

Przydatne materiały

- <https://code.google.com/p/msysgit/downloads/list>
- <https://code.google.com/p/gitextensions/>
- <https://help.github.com/articles/set-up-git>
- <http://nathanj.github.com/gitguide/tour.html>
- http://codeasp.net/blogs/vivek_iit/microsoft-net/1881/how-to-use-github-with-visual-studio