

The repository stores the complete history of all the commits that have been previously made.

Local repository directory  
/Users/mike/GitInPracticeRedux/.git/

git commit

Local index file  
/Users/mike/GitInPracticeRedux/.git/index

git add

Local working directory  
/Users/mike/GitInPracticeRedux/

git checkout

Other versions of files  
are checked out from  
branches or previous  
commits.

The working directory contains the current state of all  
the files that can be changed and versioned by Git.

The commit is built  
from the contents of the  
index and stored in the  
repository.

Changes to files  
are added to the  
index to build the  
next commit.