2. Commit - this is an operation that pushes the latest source code changes to the repository, making those changes part of the repository's master revision.

Before saving any file, Git calculates a checksum, which becomes the index of that file. Therefore, it is not possible to make a change to a file or folder without Git noticing it. All files can be in one of three states: fixed, changed, prepared. Committed means that the file is already saved in your local database. Changed - files that have been changed, but not yet committed. Prepared - all changed files marked for inclusion in the next commit.