Client server centralize

Common operation (such as commit , view history are fast , because they is no need to communicate with central server .

Communication is only necessary when pushing or pulling changes to or from other peers.

Network is not involved in most operation allow productivity

Avoid relying in single physically machine as a single point of failure

Every user has a complete copy of the repository locally , make access to the file history extremely fast , amount of lost data .

Only the central repository has the complete history , communication over network , maintaining backup independently amount of data lost .

Git is so fast

Small repository space , disk space ,contain tow copy of the file one for actual work and another hidden to aid operations such as status diff and commit .git use only small index file that store about 100 bytes of data per tracked file .

Access control specify n single location and have them be enforced across the entire project .