```
Tree

    blobs

    trees
    - hash
   + addBlob()
   + addTree()
   + getHash()
   + getBlobs()
   + getTrees()
   + toJson()
   + saveToDisk()
   + fromJson()
   + fromDisk()
    - generateHash()
             -tree
        Commit
    hash

    author

    message

    parentHash
    branch

    timestamp

   + Commit()
   + Commit()
   + getTreeHash()
   + getHash()
   + getAuthor()
   + getMessage()
   + getParentHash()
   + getBranch()
   + getTimestamp()
   + getTree()
   + toJson()
   + setHash()
   + setTimestamp()
   + fromJson()
   generateHash()
             -lastCommit
       Repository

    rootPath

 currentBranch
 branches
 stashFilePath
 tags
 tagsFilePath
+ Repository()
+ addFilesToTree()
+ saveCommitLocally()
+ getLastCommitHash()
+ loadCommitContent()
+ loadBlobContent()
+ createCommit()
+ sendCommitToServer()
+ createBranch()
+ switchBranch()
  and 28 more...
 loadCommitTree()
 mergeTrees()
 saveMergedContent()
 saveBranchInfo()
 loadBranchInfo()
 resolveConflict()
 saveStashInfo()
 loadStashInfo()
 restoreTree()
 restoreTree()
  and 7 more...
```