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... -repository MergeWorker - sourceBranch - targetBranch + MergeWorker()

QObject

+ process()