#!/usr/bin/env bash

DIRNAME="$(dirname "$0")"

NAME="$0"

help() {

cat &#60;&#60;EOF

USAGE: vcs COMMAND [OPTIONS]

COMMANDS:

init - Initialize the vcs in the current directory

snapshot - Create a snapshot of the current directory

logs - Show the change history of the repository

rollback - Rollback to a snapshot (requires the snapshot uuid)

EOF

}

menu() {

echo "----------------------------------------"

echo "VCS MENU SYSTEM"

echo "----------------------------------------"

echo "1. Init"

echo "2. Snapshot"

echo "3. Logs"

echo "4. Rollback"

echo "5. Commit"

echo "6. Add"

echo "7. Checkout"

echo "8. Exit"

echo "----------------------------------------"

}

while true; do

menu

read -p "Enter the number of your choice: " choice

case $choice in

1)

$DIRNAME/vcs\_init.sh $\*

;;

2)

$DIRNAME/vcs\_snapshot.sh $\*

;;

3)

$DIRNAME/vcs\_logs.sh $\*

;;

4)

$DIRNAME/vcs\_rollback.sh $\*

;;

5)

$DIRNAME/vcs\_commit.sh $\*

;;

6)

$DIRNAME/vcs\_add.sh $@

;;

7)

$DIRNAME/vcs\_chekout.sh $\*

;;

8)

exit 0

;;

#!/bin/bash

# Check if the directory is a git repository

if ! git rev-parse --git-dir > /dev/null 2>&1; then

echo "The current directory is not a git repository."

exit 1

fi

# Get the latest commit

latest\_commit=$(git log -n 1 --pretty=format:"%H")

# Print the commit history

while [ -n "$latest\_commit" ]; do

# Get the commit details

commit\_details=$(git show --pretty=format:"%h - %an, %ad : %s" "$latest\_commit")

# Print the commit details

echo "$commit\_details"

# Get the parent commit

parent\_commit=$(git rev-parse "$latest\_commit^")

# Update the latest commit

latest\_commit="$parent\_commit"

done

#!/usr/bin/env bash

if ! git rev-parse --git-dir > /dev/null 2>&1; then

echo "The current directory is not a git repository."

exit 1

fi

latest\_commit=$(git log -n 1 --pretty=format:"%H")

while [ -n "$latest\_commit" ]; do

commit\_details=$(git show --pretty=format:"%h - %an, %ad : %s" "$latest\_commit")

echo "$commit\_details"

parent\_commit=$(git rev-parse "$latest\_commit^")

latest\_commit="$parent\_commit"

done