#!/bin/bash

# Function to run a command without displaying error messages

run\_command() {

eval $1

}

# Function to pause before closing

pause() {

read -p "Press any key to continue or Ctrl+C to exit..."

}

# Step 1: Install Dependencies

install\_dependencies() {

echo "Step 1: Installing necessary dependencies..."

run\_command "sudo apt update"

run\_command "sudo apt upgrade -y"

run\_command "sudo apt install -y cmake gcc g++ git build-essential libpng-dev wget curl"

}

# Step 2: Install Box64

setup\_box64() {

echo "Step 2: Setting up Box64..."

run\_command "git clone https://github.com/ptitSeb/box64.git"

run\_command "cd box64 && mkdir build && cd build && cmake .. -DCMAKE\_BUILD\_TYPE=RelWithDebInfo && make"

run\_command "cd box64/build && sudo make install"

run\_command "sudo ldconfig"

}

# Step 3: Install Box86

setup\_box86() {

echo "Step 3: Setting up Box86..."

run\_command "git clone https://github.com/ptitSeb/box86.git"

run\_command "cd box86 && mkdir build && cd build && cmake .. -DCMAKE\_BUILD\_TYPE=RelWithDebInfo && make"

run\_command "cd box86/build && sudo make install"

run\_command "sudo ldconfig"

}

# Step 4: Install Wine

setup\_wine() {

echo "Step 4: Installing Wine..."

run\_command "sudo dpkg --add-architecture i386"

run\_command "sudo mkdir -pm755 /etc/apt/keyrings"

run\_command "wget -nc -O /etc/apt/keyrings/winehq-archive.key https://dl.winehq.org/wine-builds/winehq.key"

run\_command "wget -nc -NP /etc/apt/sources.list.d/ https://dl.winehq.org/wine-builds/ubuntu/dists/noble/winehq-noble.sources"

run\_command "sudo apt update"

run\_command "sudo apt install --install-recommends -y winehq-stable"

run\_command "sudo apt install -f -y"

}

# Step 5: Install DXVK

setup\_dxvk() {

echo "Step 5: Installing DXVK..."

run\_command "wget https://github.com/doitsujin/dxvk/releases/download/v2.3/dxvk-2.3.tar.gz"

run\_command "tar -xvf dxvk-2.3.tar.gz"

run\_command "cd dxvk-2.3 && sudo ./setup\_dxvk.sh install"

}

# Step 6: Install Steam for Windows

install\_steam() {

echo "Step 6: Downloading and installing Steam for Windows..."

run\_command "wget https://cdn.cloudflare.steamstatic.com/client/installer/steam\_latest.deb"

run\_command "sudo dpkg -i steam\_latest.deb"

run\_command "sudo apt install -f -y"

}

# Step 7: Run Steam

run\_steam() {

echo "Launching Steam..."

run\_command "BOX86\_PATH=/usr/local/lib/box86 /usr/bin/wine ~/.steam/steam/Steam.exe"

}

# Main function

main() {

echo "Starting installation process..."

pause # Pause before starting the installation

install\_dependencies

setup\_box64

setup\_box86

setup\_wine

setup\_dxvk

install\_steam

run\_steam

echo "Installation complete!"

pause # Pause before closing

}

main