

nzk-scripts

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nzk-app-add

```
#!/bin/bash
#nzk-app-add
#i use kali linux
# Check for at least one argument
if [ "$#" -lt 1 ]; then
    echo "Usage: nzk-app-add <executable> [--icon <iconpath>]"
    exit 1
fi

EXECUTABLE=$(realpath "$1")
APP_NAME=$(basename "$EXECUTABLE")
ICON_PATH=""

# Check for optional icon argument
if [ "$2" == "--icon" ] && [ -n "$3" ]; then
    ICON_PATH=$(realpath "$3")
fi

# Create .desktop file
DESKTOP_ENTRY="$HOME/.local/share/applications/$APP_NAME.desktop"
echo "[Desktop Entry]" > "$DESKTOP_ENTRY"
echo "Type=Application" >> "$DESKTOP_ENTRY"
echo "Name=$APP_NAME" >> "$DESKTOP_ENTRY"
echo "Exec=$EXECUTABLE" >> "$DESKTOP_ENTRY"
echo "Icon=$ICON_PATH" >> "$DESKTOP_ENTRY"
echo "Terminal=false" >> "$DESKTOP_ENTRY"

# Make the .desktop file executable
chmod +x "$DESKTOP_ENTRY"

echo "$APP_NAME added to applications menu."
```

install log fail

```
└─(kali㉿ kali)-[~]  
└─$ cd nzk-apps
```

```
└─(kali㉿ kali)-[~/nzk-apps]  
└─$ ls
```

```
bash install-NZK-Scripts.sh LICENSE nzk-code README.md
```

```
└─(kali㉿ kali)-[~/nzk-apps]  
└─$ bash ./install-NZK-Scripts.sh
```

Are you NaruZKurai? (y/n)

If you aren't and you say yes, things will break.

So if you are you NaruZKurai, v1 will be installed and uses /home/kali as default user path

Please enter your answer: n

Cool, let's get started.

nzk-code3 copied successfully.

cp: cannot create regular file '/usr/local/bin/nzk-nature': Permission denied

Failed to copy nzk-nature. Ensure the file exists and try again.

Installation complete.

```
└─(kali㉿ kali)-[~/nzk-apps]  
└─$ cat ./bash/ nzk-nature
```

cat: ./bash/: Is a directory

cat: nzk-nature: No such file or directory

```
└─(kali㉿ kali)-[~/nzk-apps]  
└─$ cat ./bash/nzk-nature
```

```
#!/bin/bash
```

```
#nzk-nature
```

```
# Define associative arrays for natures and their properties
```

```
CONFIG_FILE="$~/config/nzk-apps/settings.conf"
```

```
declare -A nature_stats=(
```

```
  [0]="— —" [1]="Attack Defense" [2]="Attack Speed" [3]="Attack Sp. Attack" [4]="Attack Sp.  
Defense"
```

```
  [5]="Defense Attack" [6]="— —" [7]="Defense Speed" [8]="Defense Sp. Attack" [9]="Defense  
Sp. Defense"
```

```
  [10]="Speed Attack" [11]="Speed Defense" [12]="— —" [13]="Speed Sp. Attack" [14]="Speed  
Sp. Defense"
```

```
  [15]="Sp. Attack Attack" [16]="Sp. Attack Defense" [17]="Sp. Attack Speed" [18]="— —"  
[19]="Sp. Attack Sp. Defense"
```

```
  [20]="Sp. Defense Attack" [21]="Sp. Defense Defense" [22]="Sp. Defense Speed" [23]="Sp.  
Defense Sp. Attack" [24]="— —"
```

```

)
declare -A nature_flavors_english=(
    [0]="— —" [1]="Spicy Sour" [2]="Spicy Sweet" [3]="Spicy Dry" [4]="Spicy Bitter"
    [5]="Sour Spicy" [6]="— —" [7]="Sour Sweet" [8]="Sour Dry" [9]="Sour Bitter"
    [10]="Sweet Spicy" [11]="Sweet Sour" [12]="— —" [13]="Sweet Dry" [14]="Sweet Bitter"
    [15]="Dry Spicy" [16]="Dry Sour" [17]="Dry Sweet" [18]="— —" [19]="Dry Bitter"
    [20]="Bitter Spicy" [21]="Bitter Sour" [22]="Bitter Sweet" [23]="Bitter Dry" [24]="— —"
)
declare -A nature_flavors_japanese=(
    [0]="— —" [1]="辛い 酸味" [2]="辛い 甘味" [3]="辛い 乾味" [4]="辛い 苦味"
    [5]="酸味 辛い" [6]="— —" [7]="酸味 甘味" [8]="酸味 乾味" [9]="酸味 苦味"
    [10]="甘味 辛い" [11]="甘味 酸味" [12]="— —" [13]="甘味 乾味" [14]="甘味 苦味"
    [15]="乾味 辛い" [16]="乾味 酸味" [17]="乾味 甘味" [18]="— —" [19]="乾味 苦味"
    [20]="苦味 辛い" [21]="苦味 酸味" [22]="苦味 甘味" [23]="苦味 乾味" [24]="— —"
)
declare -A nature_flavors_romanji=(
    [0]="— —" [1]="Karaī Suppai" [2]="Karaī Amai" [3]="Karaī Noma" [4]="Karaī Nigai"
    [5]="Suppai Karaī" [6]="— —" [7]="Suppai Amai" [8]="Suppai Noma" [9]="Suppai Nigai"
    [10]="Amai Karaī" [11]="Amai Suppai" [12]="— —" [13]="Amai Noma" [14]="Amai Nigai"
    [15]="Noma Karaī" [16]="Noma Suppai" [17]="Noma Amai" [18]="— —" [19]="Noma Nigai"
    [20]="Nigai Karaī" [21]="Nigai Suppai" [22]="Nigai Amai" [23]="Nigai Noma" [24]="— —"
)
# Define associative arrays for English, Japanese, and Romanji nature names
declare -A english_natures=(
    [0]="Hardy" [1]="Lonely" [2]="Brave" [3]="Adamant" [4]="Naughty"
    [5]="Bold" [6]="Docile" [7]="Relaxed" [8]="Impish" [9]="Lax"
    [10]="Timid" [11]="Hasty" [12]="Serious" [13]="Jolly" [14]="Naive"
    [15]="Modest" [16]="Mild" [17]="Quiet" [18]="Bashful" [19]="Rash"
    [20]="Calm" [21]="Gentle" [22]="Sassy" [23]="Careful" [24]="Quirky"
)
declare -A japanese_natures=(
    [0]="丈夫" [1]="寂しい" [2]="勇敢" [3]="剛毅" [4]="獰悪"
    [5]="威風" [6]="温順" [7]="寛容" [8]="悪戯" [9]="怠慢"
    [10]="臆弱" [11]="急ぎ" [12]="真面目" [13]="陽気" [14]="天真"
    [15]="謙遜" [16]="穏和" [17]="静か" [18]="臆縮" [19]="冒険"
    [20]="冷静" [21]="優しい" [22]="陽気" [23]="慎重" [24]="変人"
)
declare -A romanji_natures=(
    [0]="Gannbariya" [1]="Samishigari" [2]="Yuukan" [3]="Ijippari" [4]="Yancha"
    [5]="Zubutoi" [6]="Sunao" [7]="Nonnki" [8]="Wanpaku" [9]="Noutennki"
    [10]="Okubiyoi" [11]="Sekkachi" [12]="Majime" [13]="Youki" [14]="Mujiyaki"
    [15]="Hikaeme" [16]="Ottori" [17]="Reisei" [18]="Tereya" [19]="Ukkariya"
    [20]="Odayaka" [21]="Otonashii" [22]="Namaiki" [23]="Shinnchyou" [24]="Kimagure"
)
# Function to find the index of a nature name, case-insensitive
find_nature_index() {

```

```

local nature_name_lower=$(echo "$1" | tr '[:upper:]' '[:lower:]')
local -n arr=$2
for i in "${!arr[@]}"; do
    if [[ "$(echo "${arr[$i]}" | tr '[:upper:]' '[:lower:]')" == "$nature_name_lower" ]]; then
        echo $i
        return
    fi
done
echo "-1"
}

```

```

# Check for correct number of arguments
if [ $# -ne 2 ]; then
    echo "Usage: $0 <nature_name> [-e|-j|-r]"
    exit 1
fi

```

```

# Get the nature name and flag
nature_name="$1"
flag="$2"

```

```

# Main logic to get nature information based on flag and nature name
case $flag in
    -e)
        index=$(find_nature_index "$nature_name" english_natures)
        if [[ $index -ne -1 ]]; then
            echo "${japanese_natures[$index]}"
        else
            echo "Error: Nature '$nature_name' not found in English natures."
        fi
        ;;
    -j)
        index=$(find_nature_index "$nature_name" japanese_natures)
        if [[ $index -ne -1 ]]; then
            echo "${english_natures[$index]}"
        else
            echo "Error: Nature '$nature_name' not found in Japanese natures."
        fi
        ;;
    -r)
        index=$(find_nature_index "$nature_name" romanji_natures)
        if [[ $index -ne -1 ]]; then
            echo "${english_natures[$index]}"
        else
            echo "Error: Nature '$nature_name' not found in Romanji natures."
        fi
    *)

```

```
;;
*)
    echo "Invalid flag: $flag. Use -e for English to Japanese, -j for Japanese to English, -r for
Romanji to English."
    echo "correct usage would be something like:"
    echo "nzk-nature "jolly" -e"
    exit 1
;;
esac
```

```
└─(kali㉿ kali)-[~/nzk-apps]
└─$
```

py scripts from other repo's that i use (need to add to my repo)

https://github.com/Crypto-Cat/CTF/blob/main/pentesting/gen_nmap.py

```
#!/bin/python
#
# can be found on crypto cat's repo,
# https://github.com/Crypto-Cat/CTF/blob/main/pentesting/gen_nmap.py
#
# sudo apt-get install python3 masscan nmap
#
# This script will take in Masscan results and produce an output which can be fed into NMap

# Save your Masscan result as mscan.txt then run this script to produce nmap.txt then you can
run:
# while read item; do sudo nmap -sV -sC -sS -sU $item; done < mscan.txt; rm mscan.txt nmap.txt

# If you want to export to .xml file you can use the following command and then later use this
script to merge files: https://github.com/sidaf/scripts/blob/master/nmap_merge.py
# while read item; do filename=$(echo $item | grep -o "\^S*"); sudo nmap -O -sV -sC -sS -sU
$item -oX $filename.xml; done < nmap.txt

import re
from socket import inet_aton
from os import path

regex = re.compile(r"Discovered open port (\d+)\((udp|tcp)\) on (\d+\.\d+\.\d+\.\d+)", re.I)

ip_list = {}

with open(path.abspath('mscan.txt')) as f:
    lines = f.readlines()
    for line in lines:
        port = regex.match(line).group(1)
        protocol = regex.match(line).group(2)
```

```

ip = regex.match(line).group(3)

# Add the IP to dictionary if it's not already
try:
    ip_list[ip]
except KeyError:
    ip_list[ip] = {}

# Add protocol to dictionary if it's not already
try:
    ip_list[ip][protocol]
except KeyError:
    ip_list[ip][protocol] = []

# Append the port to the list
ip_list[ip][protocol].append(port)

with open(path.abspath('nmap.txt'), 'a') as f:
    sorted_ips = sorted(ip_list.items(), key=lambda item: inet_aton(item[0]))
    for ip, protocols in sorted_ips:
        udp_ports = ""
        tcp_ports = ""

        # Check to see if any UDP ports were found
        try:
            for port in protocols['udp']:
                udp_ports += port + ','
        except KeyError:
            pass

        # Check to see if any TCP ports were found
        try:
            for port in protocols['tcp']:
                tcp_ports += port + ','
        except KeyError:
            pass

        # Print IP and ports to file ready for NMap scan
        if udp_ports and tcp_ports:
            line = ip + ' -p U:' + udp_ports + 'T:' + tcp_ports

```



```
elif udp_ports:
    line = ip + ' -p U:' + udp_ports
elif tcp_ports:
    line = ip + ' -p T:' + tcp_ports
f.write(line + '\n')
```

new ubuntu script

```
sudo apt update && sudo apt install -y firefox ubuntu-restricted-extras build-essential curl
wget software-properties-common kde-plasma-desktop inkscape gimp openscad meshlab librecad
python3 python3-tk python3-pip flatpak gnome-software-plugin-flatpak && \
[ -f /tmp/chrome.deb ] || wget https://dl.google.com/linux/direct/google-chrome-
stable_current_amd64.deb -O /tmp/chrome.deb && sudo apt install -y /tmp/chrome.deb || sudo apt
--fix-broken install -y && \
sudo ubuntu-drivers install && \
sudo dpkg --add-architecture i386 && sudo apt update && sudo apt install -y wine64 wine32
winetricks lutris && \
[ -f /tmp/obsidian.deb ] || wget "$(curl -s https://api.github.com/repos/obsidianmd/obsidian-
releases/releases/latest | grep browser_download_url | grep amd64.deb | cut -d '"' -f 4)" -O
/tmp/obsidian.deb && sudo apt install -y /tmp/obsidian.deb && \
wget -qO- https://packages.microsoft.com/keys/microsoft.asc | gpg --dearmor | sudo tee
/usr/share/keyrings/vscode.gpg > /dev/null && \
echo "deb [arch=amd64 signed-by=/usr/share/keyrings/vscode.gpg]
https://packages.microsoft.com/repos/vscode stable main" | sudo tee
/etc/apt/sources.list.d/vscode.list > /dev/null && \
sudo apt update && sudo apt install -y code && \
flatpak remote-add -y --if-not-exists flathub https://flathub.org/repo/flathub.flatpakrepo && \
flatpak install -y flathub com.ultimaker.cura org.freecadweb.FreeCAD org.kicad.KiCad
org.blender.Blender com.github.tchx84.Flatseal com.prusa3d.PrusaSlicer && \
sudo pip3 install bCNC && \
[ -f /usr/local/bin/OpenBuildsCONTROL.AppImage ] || wget
https://github.com/OpenBuilds/OpenBuilds-
Control/releases/latest/download/OpenBuildsCONTROL.AppImage -O
/usr/local/bin/OpenBuildsCONTROL.AppImage && chmod +x
/usr/local/bin/OpenBuildsCONTROL.AppImage && \
[ -f /tmp/ugs.tar.gz ] || wget https://github.com/winder/Universal-G-Code-
Sender/releases/latest/download/ugsplatform-linux.tar.gz -O /tmp/ugs.tar.gz && mkdir -p
/opt/UGS && tar -xzf /tmp/ugs.tar.gz -C /opt/UGS && \
WINEPREFIX=~/.wine-sparkmax winecfg && \
[ -f ~/sparkmax-client-latest.msi ] || wget
https://www.revrobotics.com/content/sw/max/sparkmax-client-latest.msi -O ~/sparkmax-client-
latest.msi && \
```

```

WINEPREFIX=~/.wine-sparkmax wine msexec /i ~/sparkmax-client-latest.msi && \
sudo mkdir -p /etc/skel/Desktop && cd /etc/skel/Desktop && \
for app in firefox code obsidian prusa-slicer cura freecad kicad blender gimp inkscape bCNC
wine OpenBuildsCONTROL.AppImage; do \
    echo "[Desktop Entry]\nName=$app\nExec=$(command -v $app || echo $app)\nIcon=utilities-
terminal\nType=Application\nTerminal=false" | sudo tee "$app.desktop" > /dev/null; \
    chmod +x "$app.desktop"; \
done && \
[ -x /usr/local/bin/OpenBuildsCONTROL.AppImage ] || /usr/local/bin/OpenBuildsCONTROL.AppImage
&& \
[ -d /opt/UGS ] || xdg-open https://github.com/winder/Universal-G-Code-Sender/releases

```

```

original@Robotronix-cad-original:~$ sudo apt update && sudo apt install -y firefox ubuntu-
restricted-extras build-essential curl wget software-properties-common kde-plasma-desktop
inkscape gimp openscad meshlab librecad python3 python3-tk python3-pip flatpak gnome-
software-plugin-flatpak && \
[ -f /tmp/chrome.deb ] || wget https://dl.google.com/linux/direct/google-chrome-
stable_current_amd64.deb -O /tmp/chrome.deb && sudo apt install -y /tmp/chrome.deb || sudo apt
--fix-broken install -y && \
sudo ubuntu-drivers install && \
sudo dpkg --add-architecture i386 && sudo apt update && sudo apt install -y wine64 wine32
winetricks lutris && \
[ -f /tmp/obsidian.deb ] || wget "$(curl -s https://api.github.com/repos/obsidianmd/obsidian-
releases/releases/latest | grep browser_download_url | grep amd64.deb | cut -d '"' -f 4)" -O
/tmp/obsidian.deb && sudo apt install -y /tmp/obsidian.deb && \
wget -qO- https://packages.microsoft.com/keys/microsoft.asc | gpg --dearmor | sudo tee
/usr/share/keyrings/vscode.gpg > /dev/null && \
echo "deb [arch=amd64 signed-by=/usr/share/keyrings/vscode.gpg]
https://packages.microsoft.com/repos/vscode stable main" | sudo tee
/etc/apt/sources.list.d/vscode.list > /dev/null && \
sudo apt update && sudo apt install -y code && \
flatpak remote-add -y --if-not-exists flathub https://flathub.org/repo/flathub.flatpakrepo && \
flatpak install -y flathub com.ultimaker.cura org.freecadweb.FreeCAD org.kicad.KiCad
org.blender.Blender com.github.tchx84.Flatseal com.prusa3d.PrusaSlicer && \leasestopt/UGS ] ||
xdg-open https://github.com/winder/Universal-G-Code-Sender/re
Hit:1 http://ca.archive.ubuntu.com/ubuntu plucky InRelease
Hit:2 http://security.ubuntu.com/ubuntu plucky-security InRelease
Hit:3 http://ca.archive.ubuntu.com/ubuntu plucky-updates InRelease
Hit:4 http://ca.archive.ubuntu.com/ubuntu plucky-backports InRelease
Hit:5 https://dl.google.com/linux/chrome/deb stable InRelease

```

All packages are up to date.

Notice: Some sources can be modernized. Run 'apt modernize-sources' to do so.

firefox is already the newest version (1:1snap1-0ubuntu7).

ubuntu-restricted-extras is already the newest version (67).

build-essential is already the newest version (12.10ubuntu1).

curl is already the newest version (8.12.1-3ubuntu1).

wget is already the newest version (1.24.5-2ubuntu1).

software-properties-common is already the newest version (0.109).

kde-plasma-desktop is already the newest version (5:159ubuntu1).

inkscape is already the newest version (1.2.2-8build1).

gimp is already the newest version (3.0.0-2).

openscad is already the newest version (2021.01-8build1).

meshlab is already the newest version (2022.02+dfsg1-1).

librecad is already the newest version (2.2.0.2-1build3).

python3 is already the newest version (3.13.2-2).

python3-tk is already the newest version (3.13.2-1).

python3-pip is already the newest version (25.0+dfsg1-1).

flatpak is already the newest version (1.16.0-2).

gnome-software-plugin-flatpak is already the newest version (48.0-1).

The following package was automatically installed and is no longer required:

grub-pc-bin

Use 'sudo apt autoremove' to remove it.

Summary:

Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 0

Note, selecting 'google-chrome-stable' instead of '/tmp/chrome.deb'

google-chrome-stable is already the newest version (134.0.6998.165-1).

The following package was automatically installed and is no longer required:

grub-pc-bin

Use 'sudo apt autoremove' to remove it.

Summary:

Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 0

All the available drivers are already installed.

Get:1 <http://ca.archive.ubuntu.com/ubuntu/plucky/InRelease> [265 kB]

Hit:2 <http://security.ubuntu.com/ubuntu/plucky-security/InRelease>

Hit:3 <https://dl.google.com/linux/chrome/deb/stable/InRelease>

Hit:4 <http://ca.archive.ubuntu.com/ubuntu/plucky-updates/InRelease>

Hit:5 <http://ca.archive.ubuntu.com/ubuntu/plucky-backports/InRelease>

Get:6 <http://ca.archive.ubuntu.com/ubuntu/plucky/main/amd64/Packages> [1,437 kB]

Get:7 <http://ca.archive.ubuntu.com/ubuntu/plucky/main/i386/Packages> [1,072 kB]

Get:8 <http://ca.archive.ubuntu.com/ubuntu/plucky/main/Translation-en> [521 kB]

Get:9 <http://ca.archive.ubuntu.com/ubuntu/plucky/main/amd64/c-n-f/Metadata> [31.7 kB]

Get:10 <http://ca.archive.ubuntu.com/ubuntu/plucky/universe/i386/Packages> [8,852 kB]

Get:11 <http://ca.archive.ubuntu.com/ubuntu/plucky/universe/amd64/Packages> [15.9 MB]

Get:12 <http://ca.archive.ubuntu.com/ubuntu> plucky/universe Translation-en [6,266 kB]
Get:13 <http://ca.archive.ubuntu.com/ubuntu> plucky/universe amd64 c-n-f Metadata [309 kB]
Fetched 34.6 MB in 12s (2,909 kB/s)
All packages are up to date.
Notice: Some sources can be modernized. Run 'apt modernize-sources' to do so.
wine64 is already the newest version (9.0~repack-4build3).
wine32:i386 is already the newest version (9.0~repack-4build3).
winetricks is already the newest version (20250102-1).
lutris is already the newest version (0.5.17-2).
The following package was automatically installed and is no longer required:
 grub-pc-bin
Use 'sudo apt autoremove' to remove it.

Summary:

Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 0
Reading package lists... Error!
Error: read, still have 8 to read but none left
Error: Internal error, could not locate member control.tar{.zst,.lz4,.gz,.xz,.bz2,.lzma,}
Error: Could not read meta data from /tmp/obsidian.deb
Error: The package lists or status file could not be parsed or opened.
/usr/local/bin/OpenBuildsCONTROL.ApplImage: Permission denied
--2025-03-22 04:22:47-- <https://github.com/winder/Universal-G-Code-Sender/releases/latest/download/ugsplatform-linux.tar.gz>
Resolving github.com (github.com)... 140.82.114.4
Connecting to github.com (github.com)|140.82.114.4|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: <https://github.com/winder/Universal-G-Code-Sender/releases/download/v2.1.12/ugsplatform-linux.tar.gz> [following]
--2025-03-22 04:22:47-- <https://github.com/winder/Universal-G-Code-Sender/releases/download/v2.1.12/ugsplatform-linux.tar.gz>
Reusing existing connection to github.com:443.
HTTP request sent, awaiting response... 404 Not Found
2025-03-22 04:22:47 ERROR 404: Not Found.

--2025-03-22 04:22:47-- <https://www.revrobotics.com/content/sw/max/sparkmax-client-latest.msi>
Resolving www.revrobotics.com (www.revrobotics.com)... 192.200.160.248
Connecting to www.revrobotics.com (www.revrobotics.com)|192.200.160.248|:443... connected.
HTTP request sent, awaiting response... 404 Not Found
2025-03-22 04:22:48 ERROR 404: Not Found.

bash: /usr/local/bin/OpenBuildsCONTROL.ApplImage: No such file or directory
original@Robotronix-cad-original:~\$ Gtk-Message: 04:22:48.965: Not loading module "atk-bridge":
The functionality is provided by GTK natively. Please try to not load it.

```

install_if_missing() { pkgs=""; for p in "$@"; do dpkg -s "$p" &>/dev/null || pkgs="$pkgs $p";
done; [ -n "$pkgs" ] && sudo apt install -y $pkgs; } && \
sudo apt update && \
install_if_missing firefox ubuntu-restricted-extras build-essential curl wget software-
properties-common kde-plasma-desktop inkscape gimp openscad meshlab librecad python3 python3-
tk python3-pip flatpak gnome-software-plugin-flatpak && \
([ -f /tmp/chrome.deb ] || wget https://dl.google.com/linux/direct/google-chrome-
stable_current_amd64.deb -O /tmp/chrome.deb) && sudo apt install -y /tmp/chrome.deb || sudo
apt --fix-broken install -y && \
sudo ubuntu-drivers install && \
sudo dpkg --add-architecture i386 && sudo apt update && \
install_if_missing wine64 wine32 winetricks lutris && \
[ -f /tmp/obsidian.deb ] || wget "$(curl -s https://api.github.com/repos/obsidianmd/obsidian-
releases/releases/latest | grep browser_download_url | grep amd64.deb | cut -d '"' -f 4)" -O
/tmp/obsidian.deb && sudo apt install -y /tmp/obsidian.deb && \
wget -qO- https://packages.microsoft.com/keys/microsoft.asc | gpg --dearmor | sudo tee
/usr/share/keyrings/vscode.gpg > /dev/null && \
echo "deb [arch=amd64 signed-by=/usr/share/keyrings/vscode.gpg]
https://packages.microsoft.com/repos/vscode stable main" | sudo tee
/etc/apt/sources.list.d/vscode.list > /dev/null && \
sudo apt update && install_if_missing code && \
flatpak remote-add -y --if-not-exists flathub https://flathub.org/repo/flathub.flatpakrepo &&
\
flatpak install -y flathub com.ultimaker.cura org.freecadweb.FreeCAD org.kicad.KiCad
org.blender.Blender com.github.tchx84.Flatseal com.prusa3d.PrusaSlicer && \
sudo pip3 install bCNC && \
[ -f /usr/local/bin/OpenBuildsCONTROL.AppImage ] || { sudo wget
https://github.com/OpenBuilds/OpenBuilds-
Control/releases/latest/download/OpenBuildsCONTROL.AppImage -O
/usr/local/bin/OpenBuildsCONTROL.AppImage && sudo chmod +x
/usr/local/bin/OpenBuildsCONTROL.AppImage; } && \
UGS_URL="$(curl -s https://api.github.com/repos/winder/Universal-G-Code-Sender/releases/latest
| grep browser_download_url | grep 'ugsplatform-linux.tar.gz' | cut -d '\"' -f 4)" && \
[ -f /tmp/ugs.tar.gz ] || wget "$UGS_URL" -O /tmp/ugs.tar.gz && mkdir -p /opt/UGS && tar -xzf
/tmp/ugs.tar.gz -C /opt/UGS && \
WINEPREFIX=~/.wine-sparkmax winecfg && \
[ -f ~/REV-Hardware-Client.exe ] || wget "$(curl -s
https://api.github.com/repos/REVrobotics/REV-Software-Binaries/releases/latest | grep

```

```
browser_download_url | grep 'REV-Hardware-Client-Setup' | grep exe | cut -d '"' -f 4)" -O
~/REV-Hardware-Client.exe && \
WINEPREFIX=~/.wine-sparkmax wine ~/REV-Hardware-Client.exe && \
sudo mkdir -p /etc/skel/Desktop && cd /etc/skel/Desktop && \
for app in firefox code obsidian prusa-slicer cura freecad kicad blender gimp inkscape bCNC
wine OpenBuildsCONTROL.AppImage; do \
    echo "[Desktop Entry]\nName=$app\nExec=$(command -v $app || echo $app)\nIcon=utilities-
terminal\nType=Application\nTerminal=false" | sudo tee "$app.desktop" > /dev/null; \
    chmod +x "$app.desktop"; \
done && \
[ -x /usr/local/bin/OpenBuildsCONTROL.AppImage ] || /usr/local/bin/OpenBuildsCONTROL.AppImage
&& \
[ -d /opt/UGS ] || xdg-open https://github.com/winder/Universal-G-Code-Sender/releases
```