

```
# Gen Networks Menu
# Generate FVWM menu for all network configured
# Usage : gen-networks-menu.sh MenuName

# Variable that stores how to discover configured wifi networks
#DISCOVERNETWORKCMD='find /etc/netctl -maxdepth 1 -type f -printf %f\n'
DISCOVERWIFICMD='find /etc/netctl -maxdepth 1 -name "*" -type f -print0 |
xargs -0 grep -iH connection=wireless | cut -d ":" -f 1 | xargs basename -a'
# Variable that stores how to discover configured ethernet networks
DISCOVERETHCMD='find /etc/netctl -maxdepth 1 -name "*" -type f -print0 |
xargs -0 grep -iH connection=ethernet | cut -d ":" -f 1 | xargs basename -a'
# Variable that stores how to discover configured PPTP networks
DISCOVERPPPCMD='find /etc/ppp/peers -maxdepth 1 -type f -printf %f\n'
# Function that check the status of a network
function CHECKNETWORK() {
    # Check if network $1 is in status "dead"
    sudo netctl status $1 | grep -q \ (dead\ )
    # if it is
    if [ $? -eq 0 ]
    then
        return 1
    else
        return 0
    fi
}
# Variable that store how to start a network
NETWORKSTARTCMD='sudo netctl start'
# Variable that store how to stop a network
NETWORKSTOPCMD='sudo netctl stop'
# Variable that store how to restart a network
NETWORKRESTARTCMD='sudo netctl restart'
# Variable with menu separator
SEPARATOR="AddToMenu $1 \"\ " Nop"

echo "AddToMenu $1 '- Wifi -' Title"
echo $SEPARATOR

for NETWORK in $(eval $DISCOVERWIFICMD)
do
    #check status of this network
    CHECKNETWORK $NETWORK
    #if down
    if [ $? -ne 0 ]
    then
        # Write in the menu to start it
        echo "AddToMenu $1 \"Start $NETWORK\" Exec exec urxvt -e
$NETWORKSTARTCMD $NETWORK"
        echo $SEPARATOR
    else
        # Write in the Menu to restart it
```

```
    echo AddToMenu $1 \"Restart $NETWORK\" Exec exec urxvt -e
$NETWORKRESTARTCMD $NETWORK
    # Or stop it
    echo AddToMenu $1 \"Stop $NETWORK\" Exec exec urxvt -e
$NETWORKSTOPCMD $NETWORK
    echo $SEPARATOR
fi
done

echo "AddToMenu $1 '- Ethernet -' Title"
echo $SEPARATOR

for NETWORK in $(eval $DISCOVERETHCMD)
do
    #check status of this network
    CHECKNETWORK $NETWORK
    #if down
    if [ $? -ne 0 ]
    then
        # Write in the menu to start it
        echo "AddToMenu $1 \"Start $NETWORK\" Exec exec urxvt -e
$NETWORKSTARTCMD $NETWORK"
        echo $SEPARATOR
    else
        # Write in the Menu to restart it
        echo AddToMenu $1 \"Restart $NETWORK\" Exec exec urxvt -e
$NETWORKRESTARTCMD $NETWORK
        # Or stop it
        echo AddToMenu $1 \"Stop $NETWORK\" Exec exec urxvt -e
$NETWORKSTOPCMD $NETWORK
        echo $SEPARATOR
    fi
done

echo "AddToMenu $1 '- PPTP -' Title"
echo $SEPARATOR

for NETWORK in $(eval $DISCOVERPPPCMD)
do
    # Write in the menu to start it
    echo "AddToMenu $1 \"Start $NETWORK\" Exec exec urxvt -e sudo pon
$NETWORK"
    # Or stop it
    echo AddToMenu $1 \"Stop $NETWORK\" Exec exec urxvt -e sudo poff
$NETWORK
    echo $SEPARATOR
done
```

From:

<https://wiki.fortier-family.com/> - **Warnaud's Wiki**

Permanent link:

<https://wiki.fortier-family.com/wm/fvwm/scripts/gen-networks-menu.sh>

Last update: **2021/12/29 21:09**

