Scripts

Useful scripts, which make daily routine easy

- Morning script (for MacOS)
- fixperm.sh for /Users/Shared
- Morning script (for Windows PowerShell)
- .bashrc

Morning script (for MacOS)

Hereby I publish part of my morning script, which perform needed actions. The nature of this script, that it is all-time adjustable.

location

```
vi /Users/anton/dox-pvt/tech/scripts/start_general_env_on_mac.sh
```

```
#!/bin/sh


#
# this is a morning script of Anton to launch morning environment on mac
#
# 2023-11-26  * migrated from start_general_env_on_mac.sh for general usage /A
# 2024-02-15  * small optimizations /A
#             + workspace within MS Code /A
#             + sync (mirror) Cloud KP DB to local storage /A
# 2024-02-17  + seasonal links /A
# 2024-02-22  + import media from pCloud/Automatic /A
# 2024-03-02  + profile backup to external drive /A
# 2024-04-04  + location section /A
# 2024-05-06  + pull_repos.sh /A
# 2024-10-29  * sync with -w profile /A
# 2024-11-30  - cleaning
# 2024-12-02  + Yubico Auth /A
# 2025-09-04  + Yandex Disk /A
# 2025-12-12  - trimmed before publishing /A
# 2026-03-17  * reviewed /A
#
#

# restart DNS service
sudo dscacheutil -flushcache
sudo killall -HUP mDNSResponder
```

```
echo "---------------------------------------[Location]-------------"
echo "External IP and location are:"
curl myip.2dz.fi
curl ifconfig.co
curl ifconfig.co/country
curl ifconfig.co/city
echo "---------------------------------------[Timezone]-------------"
sudo systemsetup -gettimezone
echo "--------------------------------------------------------------"



echo "Launching Yubico Authenticator for OTPs .."
open -a "Yubico Authenticator"



echo "Fix permissions on /Users/Shared, provide sudo pass"
sudo /Users/Shared/tech/scripts/fixperm.sh

echo "Connecting to Cloud Drives."
open -a Nextcloud
open -a "pCloud Drive"
open -a "Yandex.Disk.2.app"
read


# open token and password manager
open -a "Yubico Authenticator"
open -a KeePassXC "/Users/(path to kp)/pvt.kdbx"
echo "Open pCloud Crypto and open ALL password databases, which required. Press any key to
continue ..."
read


# launch mail client
# open -a Mail
open -a Thunderbird
```

```
# open libraries
open -a Kindle
open -a Firefox https://mybook.ru
open -a Firefox https://books.yandex.ru/books


# other utilities
open -a Calendar
open -a BusyCal
# open -a Spotify
open -a "Яндекс Музыка"
open -a "Double Commander"
open -a "Visual Studio Code" "/Users/anton-pvt/dox-pvt/tech/workspaces/anton-pvt.code-
workspace"

# open monitoring
open -a Firefox https://10.77.81.1/ui/diagnostics/systemhealth
open -a Firefox https://ici


# Start messengers
open -a Telegram
open -a Signal
open -a Slack

# repositories
# open -a GitAhead
# open -a sourcetree


# other seasonal links
open -a Firefox https://lcwo.net/callsigns/







# mirror KPxc DB from cloud to local storage
open -a FreeFileSync "/Users/(path to sync)/pCloud--ant1mbp3---kp-pvt.ffs_gui"
```

```
# import media from pCloud/Automatic and hub/pix2import
echo "\n\nImporting media from automatic uploades"
/Users/anton-pvt/dox-pvt/tech/scripts/import_media_from_pCloud_Automatic_Upload.sh
/Users/anton-pvt/dox-pvt/tech/scripts/import_media_from_hub.2dz.fi_pix-uploaded.sh


# pulling repos
echo "\n\nPulling repos"
/Users/anton-pvt/dox-pvt/tech/scripts/pull_repos.sh


# other tools

echo "Restoring permissions on backup drive before sync ..."
sudo /Volumes/00067-1T/fixperm.sh

echo "Backing up private profile to 000067-1T ..."
open -a FreeFileSync "/Volumes/00067-1T/ant1mbp3-anton-pvt--00067.ffs_gui"

echo "\n\nHave an excellent day!"
~
```

final touch

```
chmod +x /Users/anton/dox-pvt/tech/scripts/start_general_env_on_mac.sh
/Users/anton/dox-pvt/tech/scripts/start_general_env_on_mac.sh
```

fixperm.sh for /Users/Shared

Usage of resources from several profiles:

```
/Users/Shared/tech/scripts/fixperm.sh
```

```
#!/bin/bash

#
# This script will restore permissions on shared directories
#

#
# 2023-05-24  + init /A
# 2023-06-06  * changed to use 'find' /A
# 2023-10-22  + set executables to bash/python scripts /A
#

dir="/Users/Shared"

# for MacOS v13.3.1 (Ventura)
chgrp -R -v staff ${dir}

find ${dir} -type d -exec chmod 0770 {} \+
find ${dir} -type f -exec chmod 0660 {} \+
find ${dir} -name '*.sh'  -type f -exec chmod 0770 {} \+
find ${dir} -name '*.py*' -type f -exec chmod 0770 {} \+
```

Morning script (for Windows PowerShell)

```
#
# Good morning for XX scirpt
#
# Author:  Anton Teterin
# web:     InstallAndUse.com
# History: + 2023-06-13
#          - 2026-08-06  trimmed, scrambled /A
#



## load task manager
#Start-Process %windir%\system32\taskmgr.exe /7
Start-Process taskmgr.exe "/7"



## reload ipconfig
Start-Process ipconfig "/renew"



## updates
Start-Process wsl "echo 'WSL update:'; sudo /usr/bin/apt update; sudo /usr/bin/apt -y upgrade"



## open VPN
Start-Process -WorkingDirectory "C:\Program Files\SoftEther VPN Client\" vpncmgr_x64.exe
Write-Host -NoNewLine 'Connect and Press [enter] key to continue...';
$null = $Host.UI.RawUI.ReadKey('NoEcho,IncludeKeyDown');



## cloud storage
Start-Process -WorkingDirectory "C:\Program Files\Nextcloud\" nextcloud.exe
```

```
## update and open keepass (before browsers)
Start-Process wsl "echo 'DuckDNS: A update'; /mnt/c/Users/Anton-
w/xxxx/xx/clients/xxxx/tech/scripts/duck.sh;       echo 'DynDNS update requested.'; pause"

## pull repos
Start-Process wsl "echo 'updating repos...'; /mnt/c/Users/Anton-
w/xxxx/xx/clients/xxx/tech/scripts/pull_repos.sh; echo 'Repos updated.'"


# opening pass kpDB
Start-Process -WorkingDirectory "C:\Program Files\KeePassXC\" KeePassXC.exe "path-to-
kp\xxx.kdbx --keyfile C:\Users(path-to-key)\xx.kdbx.key"
Write-Host -NoNewLine 'Open main DB and Press [enter] key to continue...';
$null = $Host.UI.RawUI.ReadKey('NoEcho,IncludeKeyDown');


## unlock password database
Write-Host -NoNewLine 'Please, unlock password database now...';
$null = $Host.UI.RawUI.ReadKey('NoEcho,IncludeKeyDown');


## libraries
Start-Process -WorkingDirectory "C:\Program Files\Mozilla Firefox\" firefox.exe "--new-window
https://mybook.ru"
# Start-Process -WorkingDirectory "C:\Users\anton\AppData\Local\Amazon\Kindle\application\"
Kindle.exe
# Start-Process -WorkingDirectory "C:\Program Files (x86)\Calibre2\" calibre.exe


## dashboards
Start-Process -WorkingDirectory "C:\Program Files\Mozilla Firefox\" firefox.exe "--new-window
https://dashboard/"


## tasklists
Start-Process -WorkingDirectory "C:\Program Files (x86)\MyLifeOrganized.net\MLO\" mlo.exe
C:\Users\(path to MLO)\MLO\xx.ml
```

```
## messengers
# Start-Process -WorkingDirectory "C:\Users\anton-w\AppData\Roaming\Telegram Desktop\"
Telegram.exe
# Start-Process -WorkingDirectory "C:\Users\Anton-w\AppData\Local\Programs\signal-desktop\"
Signal.exe
# Start-Process -WorkingDirectory "C:\Users\anton-w\AppData\Roaming\Zoom\bin\" Zoom.exe
Start-Process -WorkingDirectory "C:\Program Files (x86)\Mumble\" mumble.exe
Start-Process -WorkingDirectory "C:\Users\anton-w\AppData\Local\slack\" slack.exe
# Start-Process -WorkingDirectory "C:\Program Files (x86)\Cisco Systems\Cisco Jabber\"
CiscoJabber.exe


## mail
Start-Process -WorkingDirectory "C:\Program Files\Mozilla Thunderbird\" thunderbird.exe


## music
# Start-Process -WorkingDirectory "C:\Users\anton-w\AppData\Roaming\Spotify\" Spotify.exe
# Start-Process -WorkingDirectory "C:\Program Files (x86)\AIMP\" AIMP.exe
# Start-Process -WorkingDirectory "C:\Program Files (x86)\Bome MIDI Translator Pro\"
MIDITranslator.exe "/project 'C:\Users\anton\dox-pvt\tech\midi\BOME MTP - profiles\2020 09 11
- home with mini.bmtp'"


## utilities
Start-Process -FilePath "C:\Users\Anton-w\Downloads-w\crosshair_v1_15\crosshair.exe"
##Start-Process -WorkingDirectory "C:\Users\anton\AppData\Local\atom" atom.exe
Start-Process -FilePath "C:\Program Files\Far Manager\Far.exe"
Start-Process -WorkingDirectory "C:\Program Files\GitAhead\" GitAhead.exe
```

.bashrc

My favourite for BASH.

```
vi ~/.bashrc
```

```
PS1="[\t \d] @\h \w\\$ \[$(tput sgr0)\]"
```



to enable in current terminal

```
. ~/.bashrc
```