

startup_script.exe

a startup script

Contents

Overview	2
The startup folder	2
Finding the startup folder.....	2
How it works.....	3
Folders	4
Main Shortcuts	4
Optional Features.....	4
Dashboard Shortcuts.....	4
SAP Shortcuts.....	4
MOP Shortcuts.....	4
Monitor Configs	4
Setup	5
Execution.....	6
MultiMonitorTool	7
Monitor Config Setup.....	7
startup_config.....	8
Finding the home directory	8

Overview

This script is designed to automate the opening of shortcuts in the designated folders. Though it is catered for the TROC PAS role, it has been designed to be customisable via the configuration settings file.

Additionally, the script *optionally* uses [MultiMonitorTool](#), which allows for automatic configuration of monitor settings.

NOTE: All the screenshots used in this document will show names/links for myself (auwill), but should come up as your own name/links when you run it (it's cool like that :D)

The startup folder

The script is technically an application, it's packaged into a single .exe file.

The file needs to be *opened* for it to run and do its thing, so **the script needs to be placed in the startup folder if we want it to run automatically on startup** -

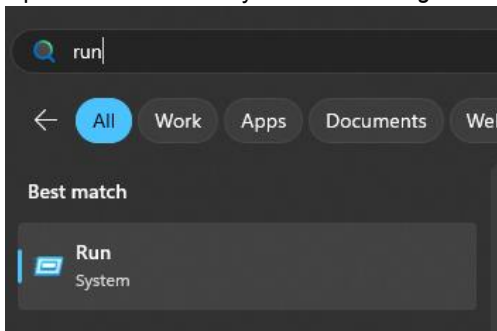
When logging in, Windows opens everything in the startup folder.

So *technically*, if you open the same applications every day, then you could just put all your shortcuts in the **startup** folder instead of using this script at all.

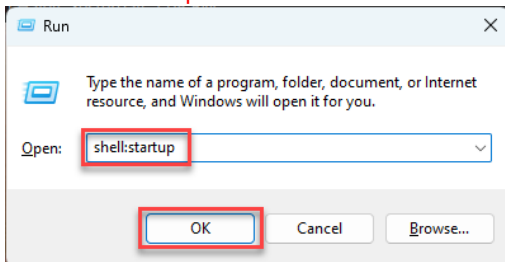
Finding the startup folder

You can find your startup folder by opening "**shell:startup**" using a **Run** window:

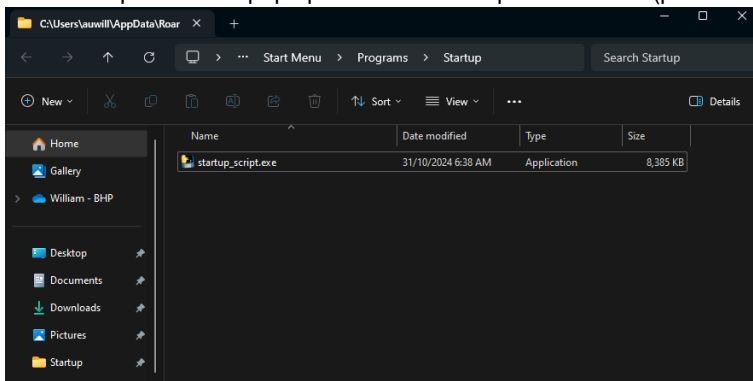
1. Open a Run window by either *searching* "**Run**" in your start menu or by pressing **WIN+R**



2. Enter **shell:startup** in the field and click OK



3. Your startup folder will pop up in a new File Explorer window (put the script in there!)



How it works

Upon launching, a command prompt terminal window will appear.

This window will display logs of events and provide a general idea of how the script runs.

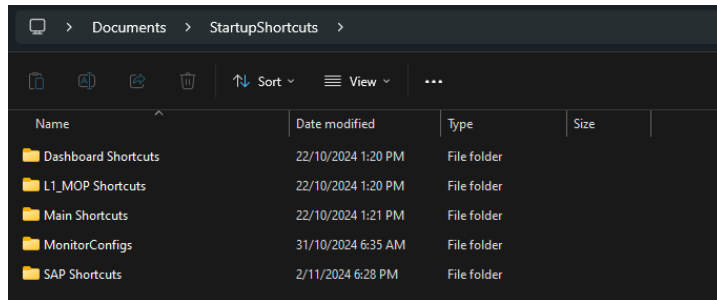
You can cancel the execution of this script at any time by clicking into the terminal window and pressing **CTRL+C** on your keyboard.

(Note: If the script has opened a pop-up box somewhere, it needs to be closed first before the execution will cancel)

This script is just an Automator for launching every file contained within the designated folders.

You don't need to create the folders yourself; the script will do it for you when you run it.

The script is hardcoded to use your **Documents** folder (C:\Users\your-username\Documents); a folder called StartupShortcuts will be created, and subfolders are created from there.



There are **5 different folders** which are used for this script.

4 of them are optional; you can enable/disable them depending on your own needs

These are designated by **4 optional flags** which are determined by your config file (step 2 under **Setup**)

```
C:\Users\auwill\AppData\Roaming>
Starting script...
Use CTRL+C in the console window to cancel the script...
Configuration Settings Found...
=====
SAP shortcuts: True
MOP shortcuts: True
=====
REMINDER:
=====
Day: Sunday
Date: 03-November-2024
Time: 05:55 PM
Shift: Weekend Day Shift
=====
REMINDER: SAP PM02 Today!
=====
MONITOR CONFIGURATION
Laptop?: False
Applying Default Monitor Config...
=====
Executing command: 'C:\Users\auwill\Documents\StartupShortcuts\MonitorConfigs\MultiMonitorTool.cfg'
=====
Opening Main Shortcuts...
File: KeePass 2.lnk
File: MouseJiggle.lnk
File: Notepad++.lnk
File: OneNote.lnk
File: Outlook.lnk
File: Remote Desktop Manager (RDM).lnk
File: Webex.lnk
Opening Dashboard Shortcuts...
File: CyberArk.lnk
File: PI Vision - PI Data Archive Health Overview.lnk
File: PI Vision - ProdAppsPItoPI.lnk
File: TROC HMI.lnk
File: TROC PAS Workloads.url
Opening SAP Shortcuts...
File: Rake_Management_Email_Automator_App.exe
File: RVC.url
File: SAP Fiori.url
Execution Finished
Press any key to exit...
```

Folders

Main Shortcuts

This is the only mandatory folder for this script.

Logic:

All shortcuts in here will launch *every time* the script is run.

Optional Features

Dashboard Shortcuts

An optional folder for shortcuts that are not part of the main shortcuts.

Mainly for organisational purposes, but functionally the same as the [Main Shortcuts](#).

Logic:

If enabled, all shortcuts in here will launch *every time* the script is run.

SAP Shortcuts

An optional folder for shortcuts relating to the PAS Rail SAP work order, which comes in on night shifts and weekend shifts.

Logic:

If enabled, all shortcuts in here will launch *every night shift* or *weekend shift*

MOP Shortcuts

An optional folder for shortcuts relating to the L1 MOP.

Logic:

If enabled, all shortcuts in here will launch every *Tuesday*, *Thursday*, and *Saturday*, but only on *day shifts*.

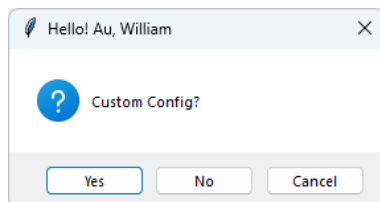
Monitor Configs

An optional folder for files relating to the **MultiMonitorTool**.

NOTE: Requires some set-up (See [MultiMonitorTool](#))

Logic:

If enabled, a prompt will appear *every time* the script is run.



Yes = Applies the *custom configuration* "CustomConfig.cfg"

No = Applies the *default configuration* "MultiMonitorTool.cfg"

Cancel = Keeps the current monitor settings

A command is sent through command-line to run to enable the selected monitor config.

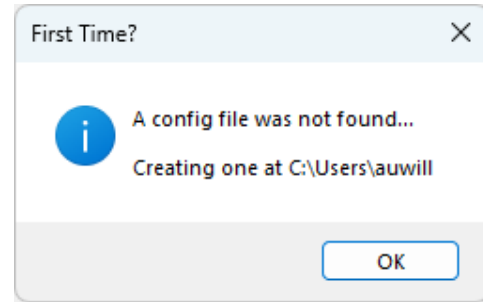
Setup

1. Upon launching the script for the first time, the script has been designed to set up most of the requirements for you.

A configuration file (startup_config) will be set-up in your home directory.

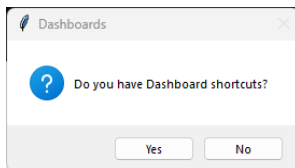
(For more info, see [startup_config](#))

(Note: If you ever want to *reset* your settings, simply delete the file from your home directory)

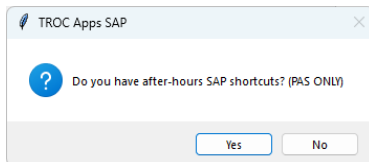


2. You will be prompted to enable/disable 4 options (I've chosen to name them that way for now)

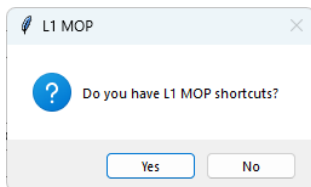
- i. Dashboards



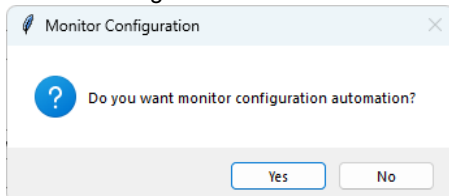
- ii. SAP



- iii. L1 MOP



- iv. Monitor Configuration



3. If you clicked **Yes** to use the Monitor Configuration automation, it will check for this first, and prompt to download the tool for you and place it in the required directory.

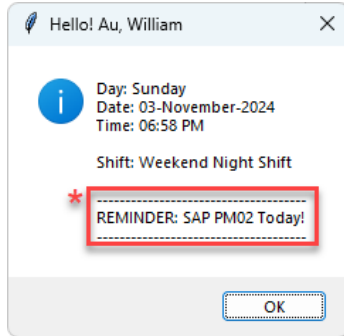
(Note: If you choose *not* to download it, the script will still continue)

See **MultiMonitorTool** section for more info on how to set this up properly after it's been downloaded

4. This concludes the configuration set-up for the script. Our shortcut folders aren't set up yet, but the script will check the folders every time it is run (to avoid errors), and offer to create those folders for you if necessary

Execution

1. You will see a pop-up box with details for the current shift:



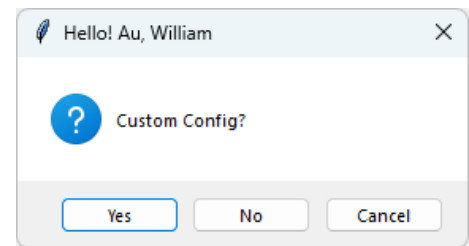
*Note: You will only receive SAP and L1 MOP reminders only if you have opted in for them

2. **Monitor Configuration** – You be prompted for which monitor configuration you want

Yes = Applies the *custom configuration* "CustomConfig.cfg"

No = Applies the *default configuration* "MultiMonitorTool.cfg"

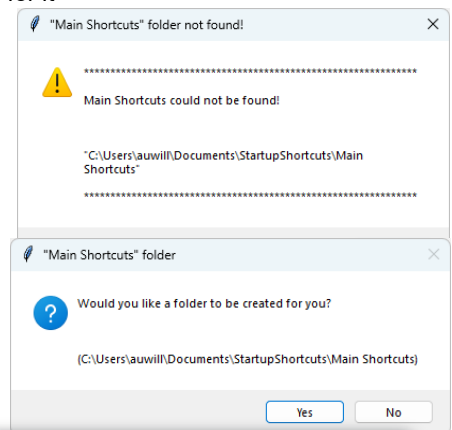
Cancel = Keeps the current monitor settings



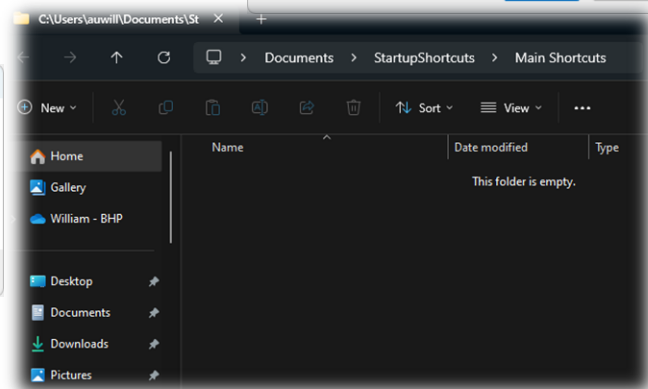
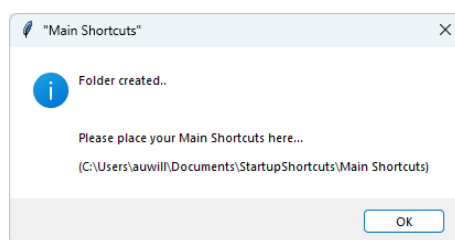
If **any** of the required folders are *not found*, you will be prompted create one for it

i.e. If Main Shortcuts folder is not present:

- i. Error message will appear
- ii. Folder creation prompt will appear



The folder will open in a new window (put your shortcuts in there)



3. **Main Shortcuts** – all your main shortcuts will launch from the folder
4. **Dashboard Shortcuts** – all your dashboard shortcuts will launch from the folder
5. **SAP Shortcuts** – All your SAP shortcuts will launch from the folder

MultiMonitorTool

[MultiMonitorTool](#) is a small tool that allows you to do some actions related to working with multiple monitors.

With MultiMonitorTool, you can disable/enable monitors, set the primary monitor, save and load the configuration of all monitors, and move windows from one monitor to another.

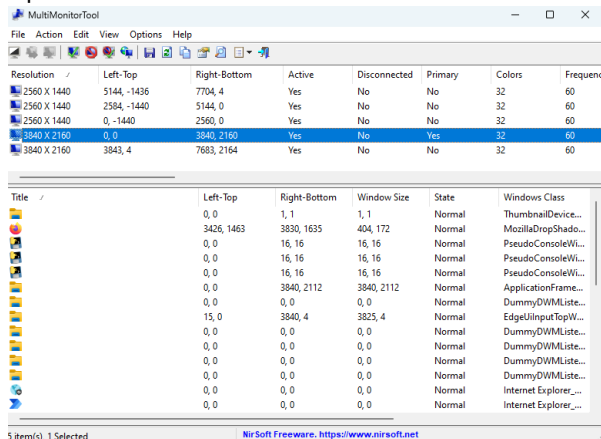
If enabled (via the startup_config file), this script uses the MultiMonitorTool to load the configuration files using the MultiMonitorTool.

You will not need to download it yourself, as the script will download it for you if it is not present, but if you prefer to download it yourself, it needs to be placed in the correct directory: `C:\Users\your-username\Documents\StartupShortcuts\MonitorConfigs`.

However, you will need to set up the monitor configuration files to your desired set up

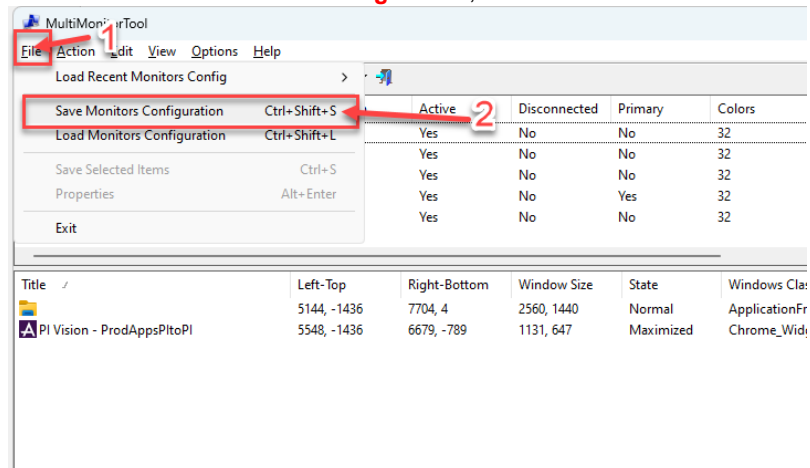
Monitor Config Setup

1. Open **MultiMonitorTool.exe**

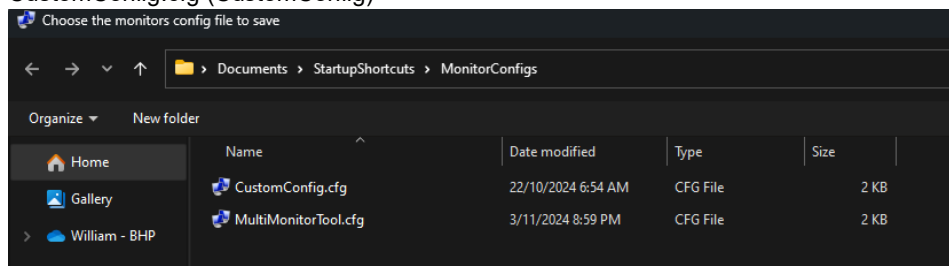


This window will show you all the settings on the current monitor(s), as well as which applications/services may be running on it

2. Go to **File > Save Monitors Configuration**, or follow the screenshot below



3. Depending on what you want the configuration to be for (See [Monitor Configs](#) above), save the file as either:
 - a. MultiMonitorTool.cfg (Default Config), or
 - b. CustomConfig.cfg (CustomConfig)



(Note: We're naming the default as MultiMonitorTool it saves a config file as MultiMonitorTool.cfg automatically if you just close the application without saving)

startup_config

The script determines which features are enabled using a configuration file.

The file is kept in your home directory.

If the file isn't found (i.e. running the script for the first time), then it will create one based on the selections made when prompted during the script run.

If you ever wish to change your settings, you can easily edit the config file yourself with any text editor, or just delete the file and re-run the script.

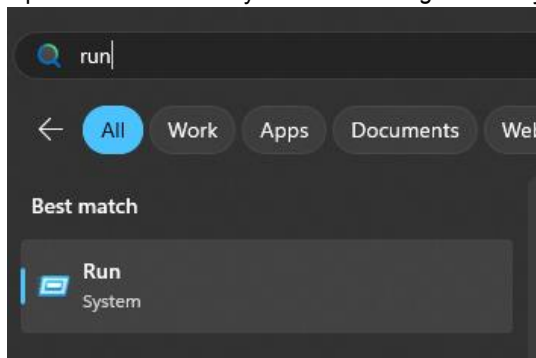
Example config file:

```
# Configuration File
Dashboards=True
SAP=False
MOP=True
MonitorConfigs=True
```

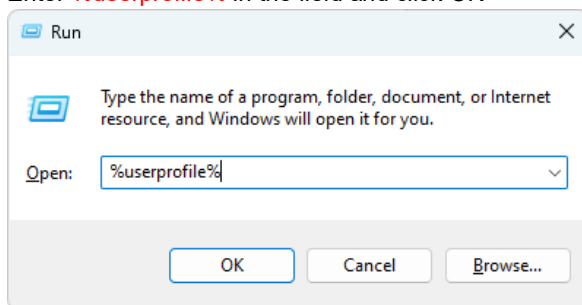
Finding the home directory

You can find your home directory folder by opening "%userprofile%" using a **Run** window:

1. Open a Run window by either *searching "Run"* in your start menu or by pressing **WIN+R**



2. Enter **%userprofile%** in the field and click OK



3. Your home directory folder will pop up in a new File Explorer window

