

Project Proposal: [Name of Project]

Background

[Why is the project being undertaken? Describe an opportunity or problem that the project is to address.]

Objectives

- [specific & measurable objective 1]
- [specific & measurable objective 2]
- [specific & measurable objective 3]

Scope

[What will be the end result of the project? Describe here what phases of work will be undertaken.]

Timeframe

	Description of Work	Start and End Dates
Phase One	...	...
Phase Two	...	...
Phase Three	...	...

Project Budget

	Description of Work	Anticipated Costs
Phase One	...	...
Phase Two	...	...
Phase Three	...	...
	Total	\$ 0.00

Key Stakeholders

Client	[name]
Sponsor	[name]
Project manager	[name]

Monitoring and Evaluation

[Describe how progress will be evaluated throughout and at the end of the project. Formulate clear indicators for objectives and result.]

Approval Signatures

[Name], Project Client

[Name], Project Sponsor

[Name], Project Manager

References:

Cross System configurations:

The local system shall be periodically updated and update a remote backup-copy with the current setup

<https://github.com/twpayne/chezmoi/issues/1657>
interesting chezmoi execute command inside docker

Implementation dotfiles manager: chezmoi x terminal profile

- pwsh
 - On pwsh terminal start
\$profile.CurrentUserAllHosts

```
# Update local changes to chezmoi repo (system -> local -> remote)
$null = (chezmoi re-add &)
# Pulling remote changes from chezmoi repo (remote -> local -> system)
chezmoi update --init --apply
```

- bash
 - On bash terminal start?
#filename

Git/Github:

SSH key security setup
Signed commits
Easy new setup install?

Ubuntu:

- [Avoid missing kernel linux-modules-extra-XX-generic when updating kernel](#)
- Disable mouse acceleration ubuntu 22.04LTS

```
gsettings set org.gnome.desktop.peripherals.mouse accel-profile flat
```

Applications:

github CLI - [cli/docs/install_linux.md at trunk · cli/cli](#)

```
(type -p wget >/dev/null || (sudo apt update && sudo apt install wget -y)) \
  && sudo mkdir -p -m 755 /etc/apt/keyrings \
  && out=$(mktemp) && wget -nv -O$out
https://cli.github.com/packages/githubcli-archive-keyring.gpg \
  && cat $out | sudo tee /etc/apt/keyrings/githubcli-archive-keyring.gpg > /dev/null \
  && sudo chmod go+r /etc/apt/keyrings/githubcli-archive-keyring.gpg \
  && sudo mkdir -p -m 755 /etc/apt/sources.list.d \
  && echo "deb [arch=$(dpkg --print-architecture)
signed-by=/etc/apt/keyrings/githubcli-archive-keyring.gpg] https://cli.github.com/packages stable main" |
sudo tee /etc/apt/sources.list.d/github-cli.list > /dev/null \
  && sudo apt update \
  && sudo apt install gh -y
```

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WSL2:

restart wsl: "wsl.exe --shutdown && wsl exit"
`env -i` makes wslpath not work, this is used to reset env variables when creating clear new processes

- [Prevent Zone.Identifier in wsl2](#)
 - HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Policies\Attachments
 - add a new DWORD named SaveZoneInformation and set it to 1

Bash Terminal

Tmux setup?

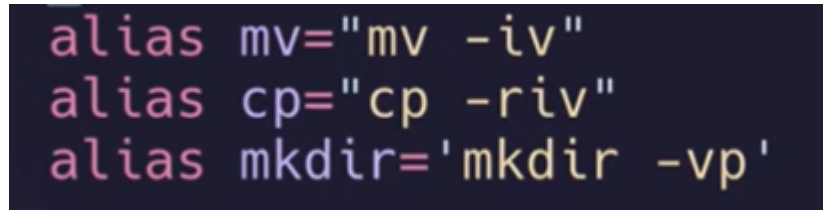
Docker?

User?

Keybinds?

Ctrl+R, Ctrl+S - search

- [The Ultimate Bad Ass .bashrc File](#)
- [Could these 3 shell aliases change your life? Probably not. They are good though.](#)



```
alias mv="mv -iv"  
alias cp="cp -riv"  
alias mkdir='mkdir -vp'
```

-
- Save all command history
 - [Save Commands to .bash_history in Real-Time](#)
 - <https://stackoverflow.com/a/40158199/12603110>
 - [Unlimited Bash History](#)
 - <https://unix.stackexchange.com/a/18443/517941>
 -

```
export PROMPT_COMMAND='history -a'
```

- [How To Use Bash History Commands and Expansions on a Linux VPS | DigitalOcean](#)

Docker causes wsl2 to hang randomly - could be caused by resource server?

https://www.reddit.com/r/docker/comments/18ziagg/comment/mzbjlt/?utm_source=share&utm_medium=web3x&utm_name=web3xcss&utm_term=1&utm_content=share_button

Powershell terminal:

Shortcuts? Copy, Paste, Cut? Consistent with VSCode

"sudo reboot/shutdown" - prompt, force flag

- powershell on exit execute code <https://stackoverflow.com/a/31119208/12603110>
- Ctrl+R, Ctrl+S - search
 - [Spark | Using PowerShellRun as an Interactive Selector](#)
 - powershell modules
 - What are pwsh modules to install?

Windows:

- How to install chocolatey software without admin?
-

General System settings:

- disable rotation <https://superuser.com/a/1833703/1220772>

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- windows update pausing
<https://stackoverflow.com/questions/62424065/pause-windows-update-for-up-to-35-days-and-find-out-until-which-date-updates-are>
- [Is there any way to remove certain pinned Apps / links from Windows 11 taskbar / start menu with PowerShell? - Super User](#)
-

Sleep and Power options:

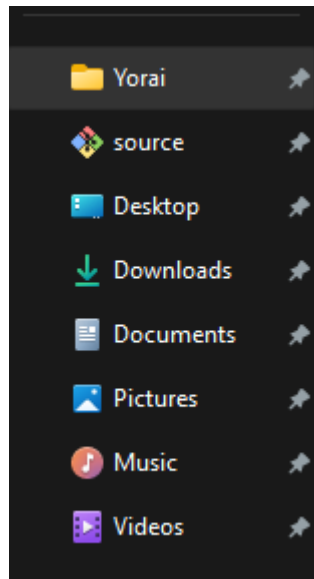
- reallocate hibernation file: ""
-

```
POWERCFG /H OFF && POWERCFG /HIBERNATE /SIZE 100
```

-
- Sleep
- Hibernate
- Power plan

Explorer.exe:

- Pins:



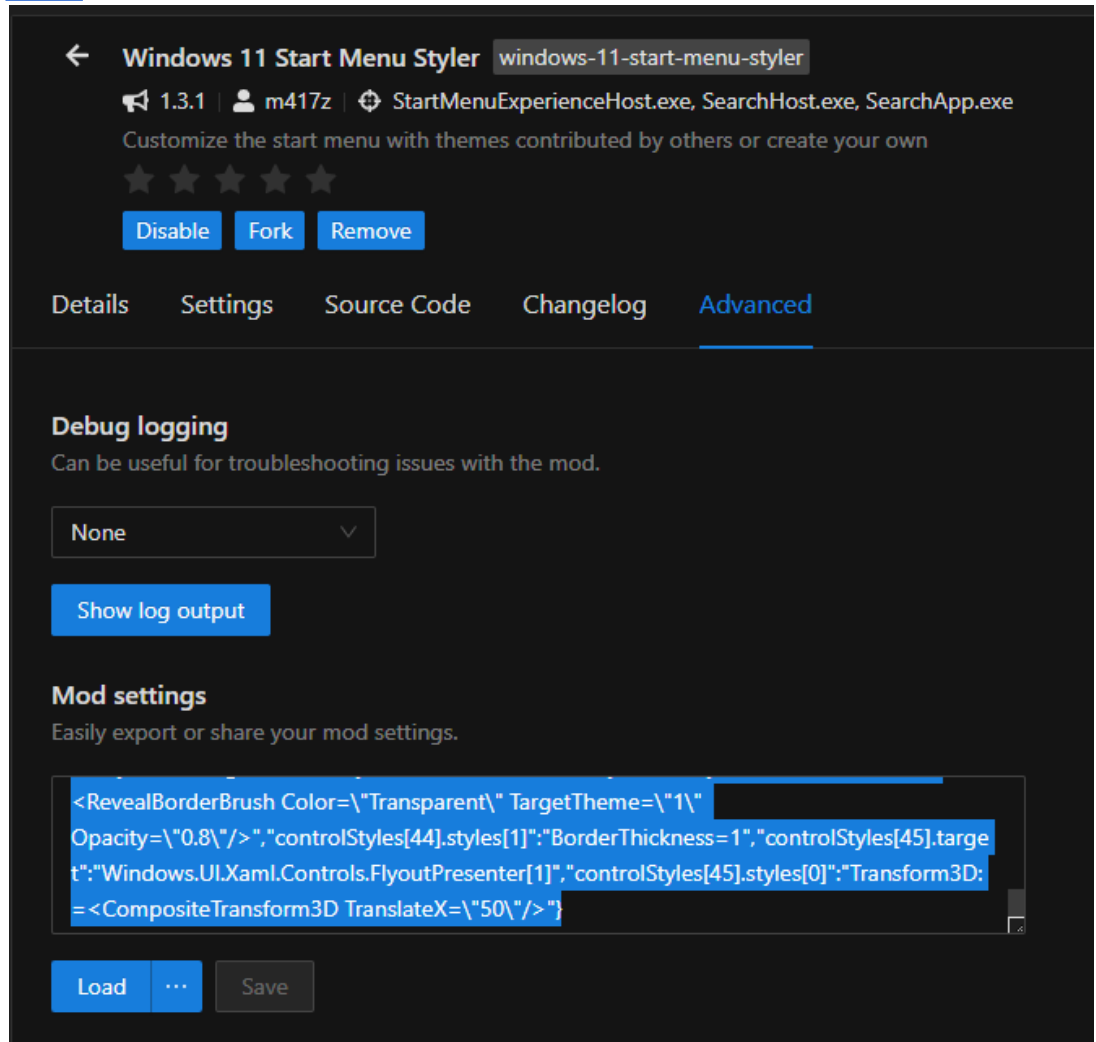
Start Menu:

- Refreshing start menu after applying changes to `start.bin` may require restart to `StartMenuExperienceHost` process <https://superuser.com/a/1617476/1220772>
- Disable Recommendation, Improve performance?
- Start menu pins
- Task bar pins

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Windhawk - Mods:

- Spoiler: Win11X Float [Windhawk Mods \(Official Topic - Please Post All Here\) | Windows 11 Forum](#)



```
{ "controlStyles[0].target": "Windows.UI.Xaml.Controls.Grid#UndockedRoot", "controlStyles[0].styles[0]": "Visibility=Visible", "controlStyles[0].styles[1]": "Width=450", "controlStyles[0].styles[2]": "Margin=200,-10,0,0", "controlStyles[1].target": "Windows.UI.Xaml.Controls.Grid#AllAppsRoot", "controlStyles[1].styles[0]": "Visibility=Visible", "controlStyles[1].styles[1]": "Width=290", "controlStyles[1].styles[2]": "Transform3D: =<CompositeTransform3D TranslateX=\"-1100\" />", "controlStyles[2].target": "Windows.UI.Xaml.Controls.Button#CloseAllAppsButton", "controlStyles[2].styles[0]": "Visibility=Collapsed", "controlStyles[3].target": "StartDocked.StartSizingFrame", "controlStyles[3].styles[0]": "MinWidth=650", "controlStyles[3].styles[1]": "MaxWidth=650", "controlStyles[4].target": "Windows.UI.Xaml.Controls.Grid#ShowMoreSuggestions", "controlStyles[4].styles[0]": "Visibility=Collapsed", "controlStyles[5].target": "Windows.UI.Xaml.Controls.Button#ShowAllAppsButton", "controlStyles[5].styles[0]": "Visibility=Collapsed", "controlStyles[6].target": "Windows.UI.Xaml.Controls.GridView#RecommendedList > Windows.UI.Xaml.Controls.Border > Windows.UI.Xaml.Controls.ScrollViewer#ScrollViewer > Windows.UI.Xaml.Controls.Border#Root > Windows.UI.Xaml.Controls.Grid > Windows.UI.Xaml.Controls.ScrollContentPresenter#ScrollContentPresenter > Windows.UI.Xaml.Controls.ItemsPresenter > Windows.UI.Xaml.Controls.ItemsWrapGrid > Windows.UI.Xaml.Controls.GridViewItem", "controlStyles[6].styles[0]": "MaxWidth=190", "controlStyles[6].styles[1]": "MinWidth=190", "controlStyles[7].target": "StartDocked.AllAppsGridListView#AppsList", "controlStyles[7].styles[0]": "Padding=90,3,6,16", "controlStyles[8].target": "Windows.UI.Xaml.Controls.Grid#AllAppsPaneHeader", "controlStyles[8].styles[0]": "Margin=97,-10,0,0", "controlStyles[9].target": "Windows.UI.Xaml.Controls.Grid#SuggestionsPa
```

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```

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ntrolStyles[15].styles[0]":"Margin=23,-101,23,-514","controlStyles[16].target":"Windows.UI.
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Windows.UI.Xaml.Controls.Grid#RootGrid >
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Windows.UI.Xaml.Controls.Grid#MainContent >
Windows.UI.Xaml.Controls.Grid#InnerContent >
Windows.UI.Xaml.Shapes.Rectangle","controlStyles[17].styles[0]":"Margin=67,7,0,21","co
ntrolStyles[18].target":"Windows.UI.Xaml.Controls.SemanticZoom#ZoomControl","control
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erRadius=4","controlStyles[21].target":"Windows.UI.Xaml.Controls.ListView#ZoomAppsLi
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derBrush Color=\\"White\\" TargetTheme=\\"1\\"
Opacity=\\"0.3\\"/>","controlStyles[27].styles[1]":"Background:=<RevealBorderBrush
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Opacity=\\"0.3\\"/>","controlStyles[27].styles[2]":"Margin=1","controlStyles[27].styles[3]":"B
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Opacity=\\"0.8\\"/>","controlStyles[28].target":"Windows.UI.Xaml.Controls.Border#ContentB
order > Windows.UI.Xaml.Controls.Grid#DroppedFlickerWorkaroundWrapper >
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sh Color=\\"Transparent\\" TargetTheme=\\"0\\"
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```

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```

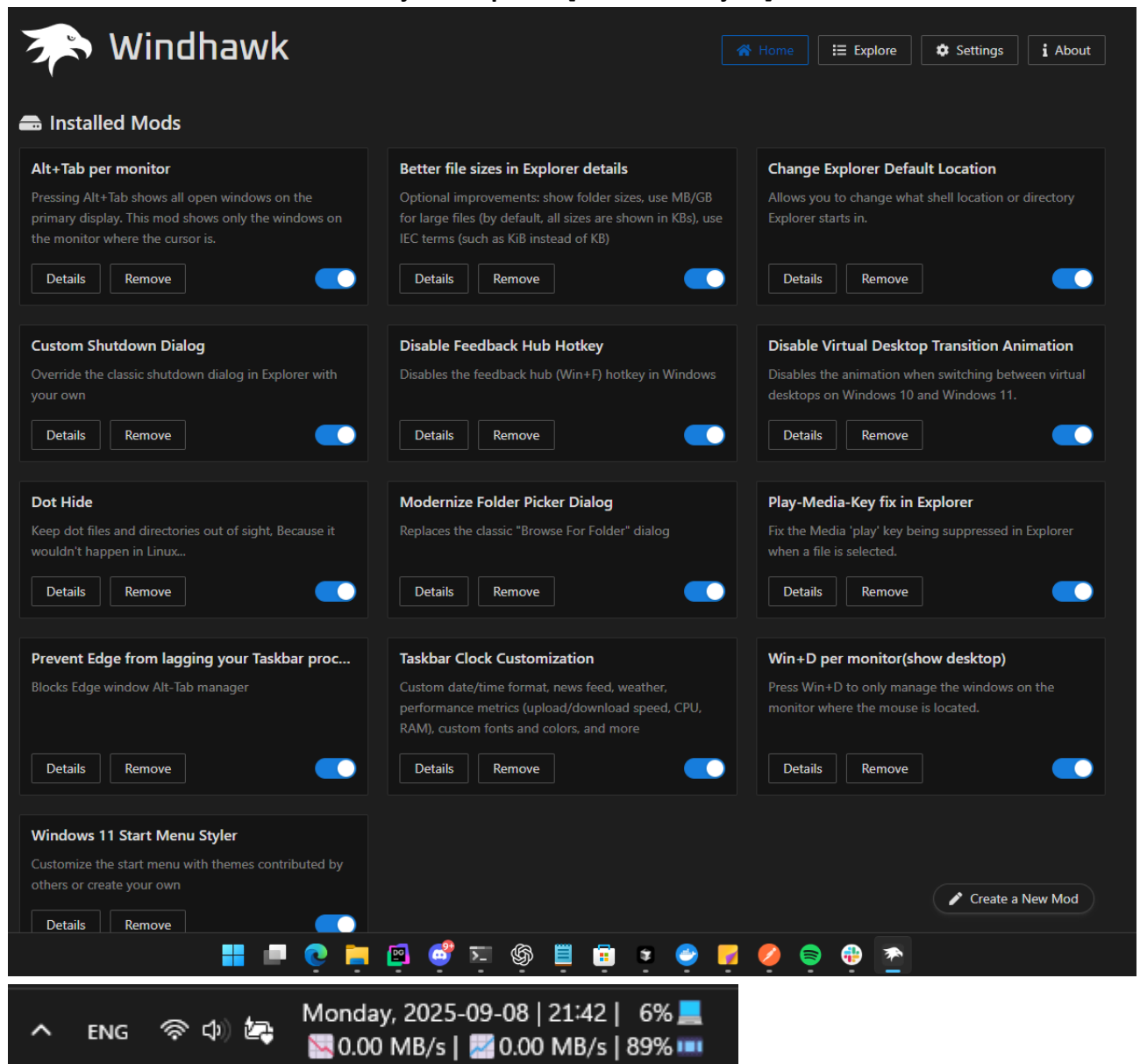
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dius=30","controlStyles[34].styles[1]:"Margin=0","controlStyles[35].target":"StartDocked.P
owerOptionsView > StartDocked.NavigationPaneButton > Grid >
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0]:"Margin=-20,-1250,0,0","controlStyles[37].target":"StartDocked.UserTileView >
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Grid#InnerContent >
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artDocked.NavigationPaneView","controlStyles[40].styles[0]:"Height=50","controlStyles[4
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m3D:=<CompositeTransform3D TranslateX=\"50\"/>"}

```

-
- [Support exporting configuration and installing plug-in configuration · Issue #195 · ramensoftware/windhawk](#)

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User regedits:

- start as no admin (cmd) : set __COMPAT_LAYER=RUNASINVOKER && start regedit
- Avoiding admin: What registry objects could be (over)written using 'HKEY_CURRENT_USER' <<https://stackoverflow.com/a/19149700/12603110>>
- Disable Hotkeys - <https://superuser.com/a/1735199/1220772>
-

User Custom services

- <https://learn.microsoft.com/en-us/powershell/module/microsoft.powershell.management/new-service?view=powershell-7.5#related-links>

Window Management:

Win+Z + Numbers - put windows in a specific place

TODO: Consider changing hotkey?

Win+Alt+Arrows - move windows in thirds/halves

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Win+Shift+Arrows - move windows through screens (in the same portion, half stay half)
- Up Arrow: Maximize
Win+D - Show/Hide Desktop (minimize all)
Win+Home - Minimize all but active, also undo action
Win+Up - spamming this keybind should maximize the window instead of pinning it to top
Current state: spamming tins to top half.
Workaround: Win+Down -> Win+Up
Win+Alt+left, right Arrow (instead of Win+Shift+left, right Arrow) - change screen window if multiple screens available
Win+Shift+left, right Arrow (instead of win+alt+left, right arrow) - set size window 1/2 or 1/3
Win+Arrow Up - always maximize window (instead of move/quarter/etc)
Win+Arrow Down - always minimize window (instead of move/quarter/etc)

References:

- [The Ultimate Guide to Snapping Windows Like a Pro](#) - The Complete Snap Keyboard Shortcut Cheatsheet
- [snap options available](#)

Edge/Chrome/Any software with tabs and windows:

- [Implement a hotkey: to pop up the currently used tab into a new window](#)
 - Alt+N - Pop out (new window with current tab) - find a way to override ctrl+n
 - Alt+Shift+C unpop - find a way to override ctrl+shift+w
 - Unpop window into "main" window

Recovery from issues:

```
""pwsh
Dism.exe /Online /Cleanup-Image /Restorehealth
sfc /scannow
""
```

Applications:

Notification UI on top right: [TopNotify](#)
Song display UI: [FluentFlyout](#)
Package Manager Store/Updates: [UniGetUI](#)
Github CLI WIndows

```
winget install --id GitHub.cli
```

Equalizer: [FxSound - Download and install on Windows | Microsoft Store](#)

Hotkeys:

- Ctrl+Alt+W - change output device

Issues: muting devices can cause permanent mute - fix close the app.

Volume maximum controllers: [Limit volume range Windows 10](#)

Spotify - find no ad version

Hotkeys:

- Ctrl+K: Search, consider changing to Ctrl+L with Ahk

Chatgpt:

Hotkeys:

- Alt+Space - open companion chat

Fonts:

- Installing fonts as user is possible [since Windows 10 Insider Preview Build 17704](#)
 - User fonts folder, just copy fonts there

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%localappdata%/Microsoft/Windows/Fonts

- [nerd-fonts/patched-fonts/CascadiaMono at master · ryanoasis/nerd-fonts](#)
 - <https://github.com/ryanoasis/nerd-fonts/releases/latest/download/CascadiaMono.zip>

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Window focus: focus on mouse hover

startmenu app start auto hovers on new app when enabled

- starting app from desktop doesn't auto centers the mouse on it

Alt+Tab: mouse auto focuses on new window but not 100% consistent

Windows + E: Mouse mouse to new created window - use ahk to fix

Windows + R: works ok

Bug: Task bar icons button gets minimized after first click, "unfocuses"

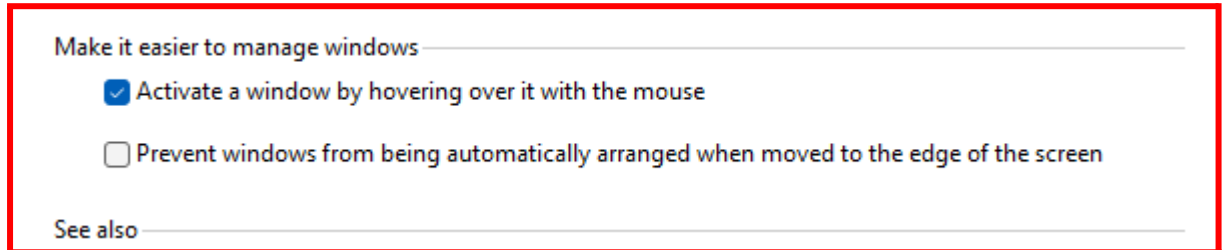
"Control Panel\Ease of Access\Ease of Access Center\Make the mouse easier to use"

✓ "Activate a window by hovering over it with the mouse"

[Change Time to Activate Window by Hovering Over with Mouse in Windows | Tutorials](#) - reg

edit

[Change Mouse Hover Time in Windows 11 | Windows 11 Forum](#) - after april/2025 patch



Right ctrl, Copilot button - ahk

New TTS?

VSCODE:

Cursor Ubuntu setup:

<https://gist.github.com/evgenyneu/5c5c37ca68886bf1bea38026f60603b6>

bash cursor cli (pwsh not supported as of 2025-08-22)

Keybinds: [List of VSCode commands](#)

Ctrl+Shift+A ✓

Ctrl+Shift+E [open explorer and close sidebar with the same key](#) ✓

Ctrl+E Focus editor <-> Focus Side Bar

Close/Collapse Split view into a single view

Ctrl+\: Move current file into a split view (right), show previous file in the left

- Open split if doesn't exist, if exist move

Ctrl+`: FocusTerminal/Debug in Bottom Panel

Ctrl+Shift+`: New Terminal

Ctrl+C, Ctrl+V: Consistently doing the action?

Ctrl+Shift+C, Ctrl+Shift+V:

- Consistent doing the action? terminal, file, debug terminal, file-rename, git ui, search?
- Copy Relative Path of selected file if file explorer selected

Ctrl+N: Consistent? Pop current open file to a new window

Ctrl+Shift+W: Close window into main window

Ctrl+W:

Close Editor File

Close Terminal in Editor

Close Terminal Focused in panel

Close Terminal Focused in terminal list in panel (side)

(Cursor) Close Chat

Tests: Alt+Run Test (button in file) to execute debug

Jupyter notebooks: Ctrl+Enter/Shift+Enter

Cursor: Tab on python docstring """ template completion competes in an annoying way

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Datagrip

Keybinds:

VSCode like keybinds

Copilot suggestion request hotkey

Ctrl/Shift+Enter: Execute Query hotkey?

Development tools

Rust?

CPP, C?