

way of the hax0r
n00b to console punk

Appendix C

Startup-File Locations

Where each shell and tool reads its configuration. Chapter 10 explains when each file runs; Chapter 12 covers the SSH files and Chapter 14 the Git ones.

Shells

Shell	Interactive non-login	Login	Every invocation	Line editor
Bash	<code>~/.bashrc</code>	<code>~/.bash_profile</code> , else <code>~/.bash_login</code> , else <code>~/.profile</code>	<code>\$BASH_ENV</code> if set	<code>~/.inputrc</code>
zsh	<code>~/.zshrc</code>	<code>~/.zprofile</code> , <code>~/.zshrc</code> , <code>~/.zlogin</code>	<code>~/.zshenv</code>	<code>~/.zshrc</code> (bindkey)
PowerShell 7	<code>\$PROFILE</code>	same	same	<code>\$PROFILE</code> (Set-PSReadLineKeyHandler)
Windows PowerShell 5.1	<code>\$PROFILE</code>	same	same	same
Command Prompt	none	none	AutoRun registry value	none

Logout files: `~/.bash_logout` and `~/.zlogout` run when a login shell exits.

PowerShell Profile Paths

`$PROFILE` alone is the current-user, current-host file. The other three are properties of the same variable.

Scope	PowerShell 7 on Windows	Windows PowerShell 5.1	PowerShell 7 on macOS and Linux
Current user, current host	Documents\PowerShell\Microsoft.PowerShell_profile.ps1	Documents\PowerShell\Microsoft.PowerShell_profile.ps1	Documents\PowerShell\Microsoft.PowerShell_profile.ps1
Current user, all hosts	Documents\PowerShell\profile.ps1	Documents\PowerShell\profile.ps1	Documents\PowerShell\profile.ps1
All users, current host	\$PSHOME\Microsoft.PowerShell_profile.ps1	\$PSHOME\Microsoft.PowerShell_profile.ps1	\$PSHOME\Microsoft.PowerShell_profile.ps1
All users, all hosts	\$PSHOME\profile.ps1	\$PSHOME\profile.ps1	\$PSHOME\profile.ps1

Documents may be redirected to OneDrive on Windows; \$PROFILE always shows the real path. PSReadLine history lives in (Get-PSReadLineOption).HistorySavePath.

Recovery

Shell	Start without configuration
Bash	bash --norc --noprofile
zsh	zsh -f
PowerShell	pwsh -NoProfile, powershell -NoProfile
Command Prompt	cmd /d

Other Tools

Tool	User file	Notes
Readline (Bash and others)	~/.inputrc	bind -f ~/.inputrc reloads
nano	~/.nanorc	
Vim	~/.vimrc	Neovim uses ~/.config/nvim/init.vim or init.lua
Git	~/.gitconfig	git config --global writes it; per-repository settings in .git/config
SSH client	~/.ssh/config	Keys in ~/.ssh, known_hosts beside them; directory mode 700, private keys 600
tmux	~/.tmux.conf	
Windows Terminal	settings.json via Settings > Open JSON file	
macOS Terminal	Profiles in Terminal > Settings	
GNOME Terminal	Profiles in Preferences	
VS Code	settings.json via the Command Palette	
EditorConfig	.editorconfig in the project	Read by many editors

References