



Writing PowerShell

The right tool for the job

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whoami.exe /priv

- PowerShell Conference Asia
- Dutch PowerShell User Group
- Blogging
- MS Tech Communities
- Slack
- Reddit
- GitHub
- PowerShell Gallery
- TechNet Forums/Gallery

Agenda

- Differences in tools
- Configure VS Code
- Working with VS code
- Working with the ISE and ISESteroids
- Questions

IDE, ISE, Editors?



Tools, what tools?



Windows PowerShell ISE

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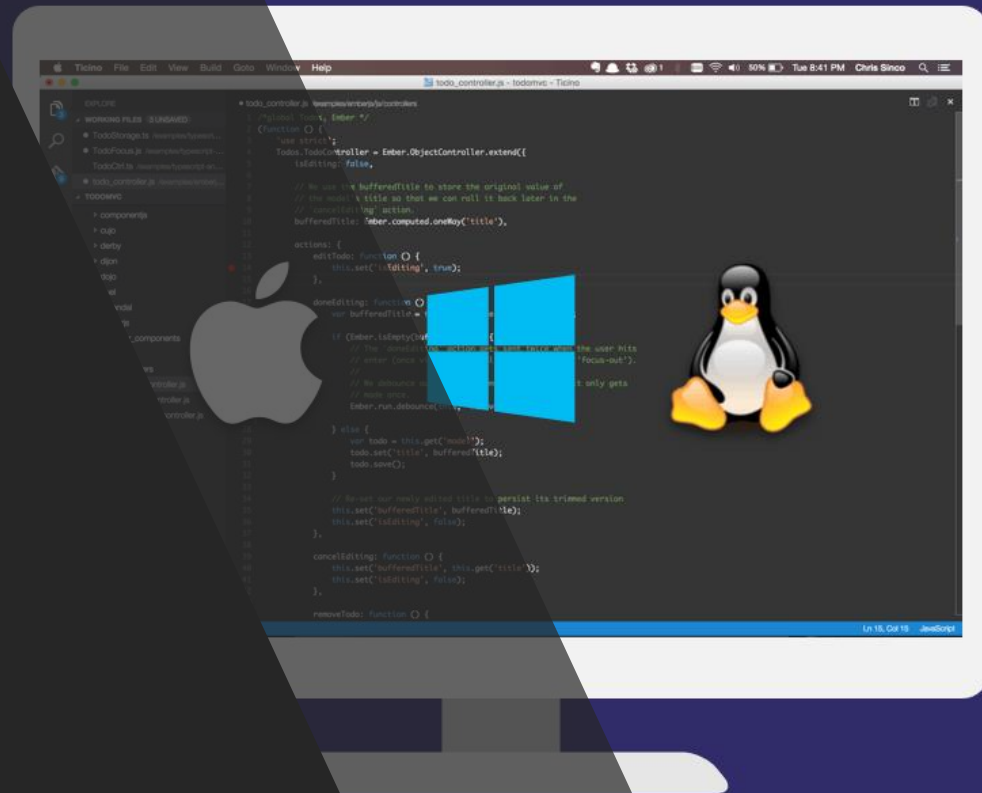


VS Code



Visual
Studio

Visual Studio Code



VS What?

- Open source
- Actively developed by Microsoft
- Multi platform

Important config files

- %userprofile%\AppData\Roaming\Code\User\keybindings.json
- %userprofile%\AppData\Roaming\Code\User\settings.json

Demo VS Code



Demo Summary

- Configure Split screen
- File compare
- Create custom key bindings
- Run a single line of code
- Multi line selection
- Select all words in file
- Commit and push to GitHub
- Enable Minimap
- Set a theme
- Jump to file

Steroids...



What is ISE Steroids

- A Module for the PowerShell ISE
- Developed by Tobias Weltner
- Available in the PowerShell Gallery
- Contains PSSharper



 @TobiasPSP

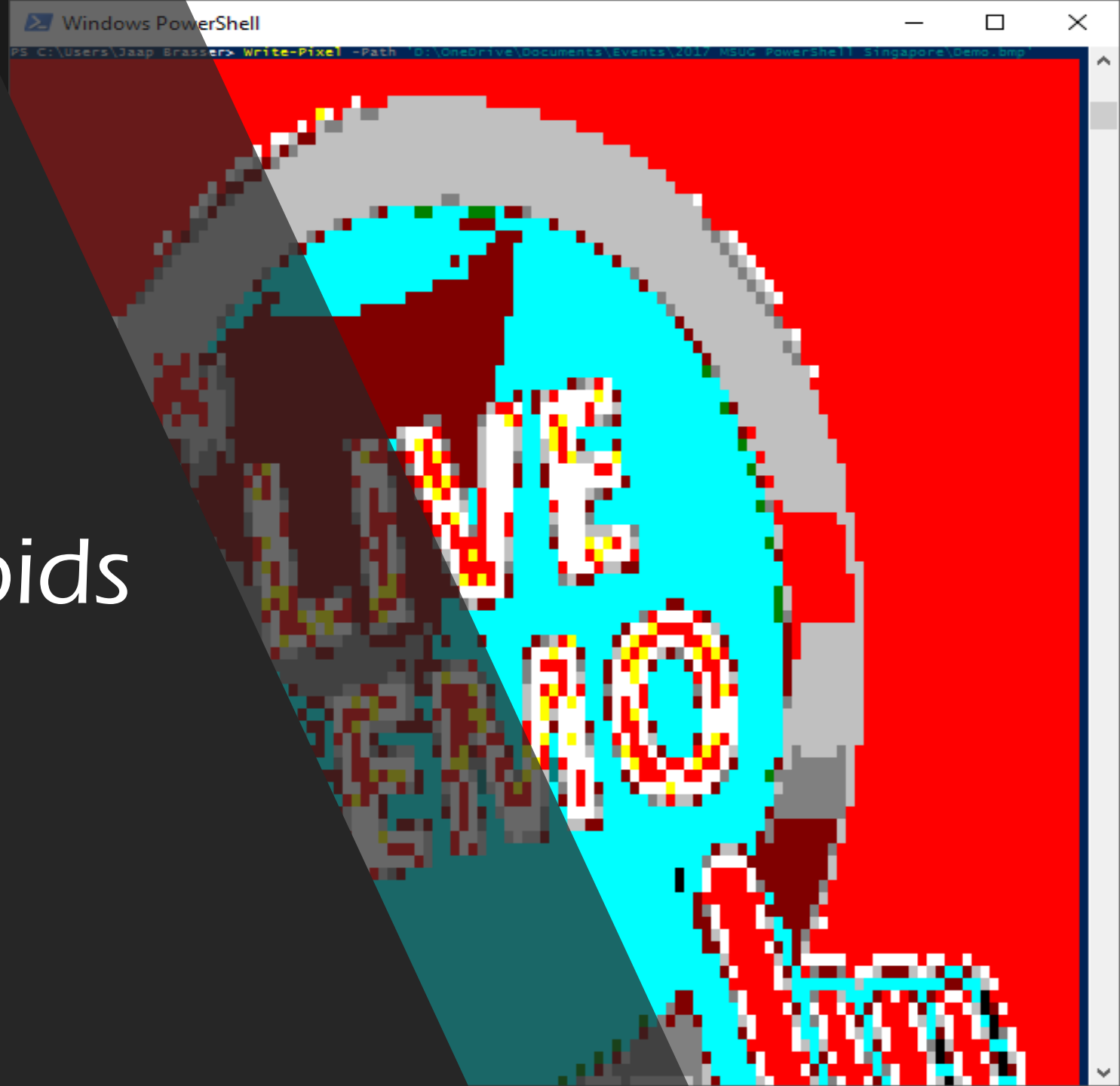
ISE Features

- Edit your PowerShell Profile
- Create Executable from PowerShell script
- Built-in compatibility checking
- Extensibility using MyCommands or plugins

ISE Features continued...

- Smarter F8-behaviour
- Automatic script formatting
- Script obfuscation
- Automatic error handling

Demo ISE and ISESteroids



Demo Summary

- Install ISESteroids
- Edit PowerShell Profile
- Create .exe from script
- Compatibility checking
- Function in MyCommands
- Smarter F8 behaviour
- Fix up ugly scripts
- Script Obfuscation
- Automatic error handling
- Syntax to Function



Summary |

Questions



Resources

- <https://github.com/Microsoft/vscode>
- <https://code.visualstudio.com/>
- <https://github.com/Microsoft/vscode-tips-and-tricks>
- <http://www.powertheshell.com/>
- <http://www.powertheshell.com/category/blog/>
- <http://code52.org/carnac/>
- <https://github.com/jaapbrasser/Events/tree/master/MSUGSingapore2017-03-18>