GETTING STARTED WITH GIT AND GITHUB

- Introduction to source control

- Introduction to Git and Github

- Setting up Git

- Creating a repository

- Cloning a repository

- Adding files to a repository

- Committing changes

- Pushing changes to Github

- Pulling changes from Github

- Branching and merging

SOURCE CONTROL

- Keep track of changes made to code

- Work collaboratively on code with others

- Roll back changes if necessary

- Test new features without affecting the main codebase

- Ensure that everyone is working on the same version of code

GIT

- Git is a distributed version control system that tracks changes in any set of computer files.

- It was originally developed in 2005 by Linus Torvalds, the creator of the Linux operating system kernel.

- A staggering number of software projects rely on Git for version control, including commercial projects as well as open source.

- CLI tool

GITHUB.COM

- GitHub is a web-based platform that uses Git for version control.

- It was launched in 2008 and has since become one of the largest code hosting platforms in the world.

- GitHub allows developers to collaborate on projects, track changes to code, and host their code repositories online.

EXPLORING GITHUB

- https://github.com/devops-collective-inc

- https://github.com/PowerShell

- https://github.com/KevinMarquette

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PowerShell function for sorting a collection by it's dependencies.

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Common module files used in several projects

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PowerShell Module to expose VSO logging commands as cmdlets

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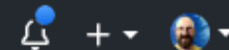
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Win32 port of OpenSSH

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Download ScriptAnalyzer from PowerShellGallery

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PowerShell-RFC Public

RFC (Request for Comments) documents for community feedback on design changes and improvements to PowerShell ecosystem

● PowerShell   ⭐ 389   ⑂ 127

vscode-powershell Public

Provides PowerShell language and debugging support for Visual Studio Code

● TypeScript   ⭐ 1.5k   ⑂ 490

DscResources Public archive

Central repository for PowerShell Desired State Configuration (DSC) resources.

⭐ 765   ⑂ 214

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↑ 3   💬 19

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GITHUB: CLONE

Downloading remote repository files

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Getting started with Code Golf

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Git and GitHub Presentation for the PowerShell Summit 2023

⚖ Creative Commons Zero v1.0 Universal   Updated 2 weeks ago

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PesterInAction   Public

These are the demo files for my presentation on Pester.

● PowerShell   ☆ 41   ⑂ 8   ⚖ MIT License   Updated on Apr 28, 2022

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GITHUB: COMMIT HISTORY

Viewing changes

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2023 OnRamp Agenda.md	schedule update	17 hours ago
2023-OnRamp-Overview.md	overview update	last month
LICENSE	Initial commit	last month
README.md	updated README	2 weeks ago

About

Session materials for the 2023 edition of the OnRamp program that is part of the PowerShell+DevOps Global Summit

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Report repository

Releases

No releases published

README.md

OnRamp 2023

Packages

GITHUB: COMMIT

Making changes

```
PS C:\source\GitHubPresentation>
```

CREATE AND CLONE REPO

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Kevin   2049

Q Ask me anything...

0/1000

I need to throw a dinner party for 6 people who are vegetarian. Can you suggest a 3-course menu with a chocolate dessert?

Try it   Learn more

When art imitates life

To hash out feud?

In treatment facility

'Severely ill' in jail

Bud Light controversy

Set for 'Juror No. 2'

INSTALLING GIT

- [Installing git](#)

GIT CONFIG

```
git config --list
git config --list --system
git config --list --global
git config --list --local

git config --global user.email "kevmar@gmail.com"
git config --global user.name "Kevin Marquette"

# Set VSCode as default editor
git config --global core.editor "code --wait"

# edit config in VSCode
git config --global --edit
```

Kevin Marquette, 4 hours ago • add materials …

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