

Automation with Windows PowerShell Scripts

INTRODUCTION AND WELCOME



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You have basic
PowerShell skills

You want to automate
basic tasks

You want to begin
scripting with
PowerShell



Who am I?

Long time Microsoft
MVP



Who am I?

Long time Microsoft
MVP

Long time Pluralsight
author



PLURALSIGHT

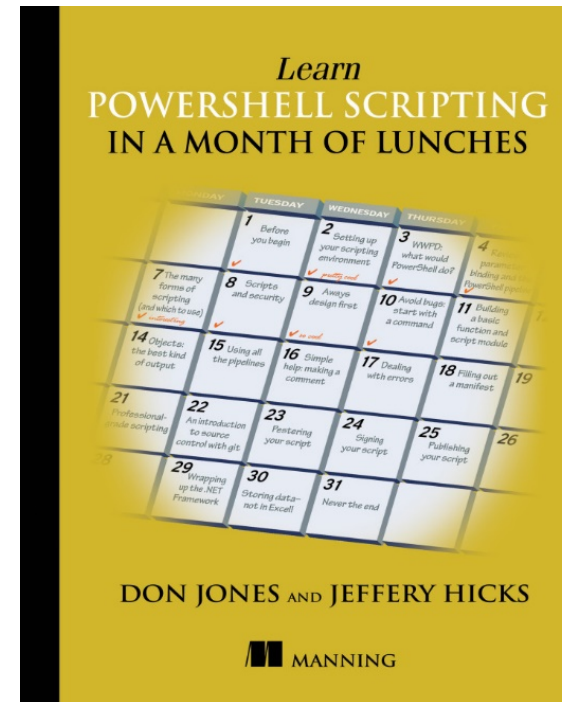


Who am I?

Long time Microsoft
MVP

Long time Pluralsight
author

Author & speaker



Who You Are



Windows IT Pro



Know PowerShell
fundamentals



Experience with server
administration



Course Objectives

**Learn basic
PowerShell
scripting concepts**

**Learn essential
PowerShell
scripting syntax**

**Learn how to
create a
PowerShell
controlling script**





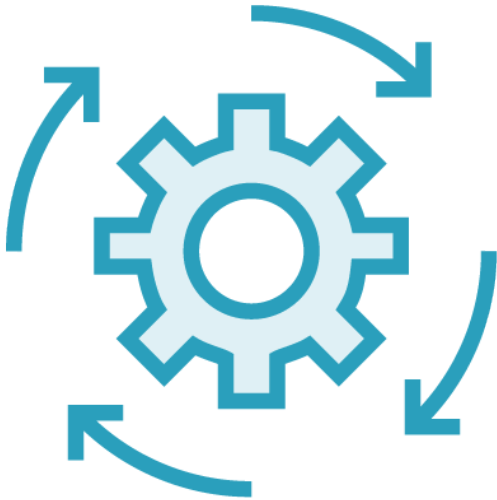
Simple PowerShell automation via scripts

- If you can run it you can script it

Functions, modules and advanced scripting topics covered in other courses



What to Expect



PowerShell scripting syntax,
techniques, and examples



Feel free to follow along with the
demos



PowerShell v5.1 on
Windows 10

Should have admin
rights

No network or domain
technically required

...But it will make
demos more realistic



Scripting Tools

PowerShell ISE

VS Code



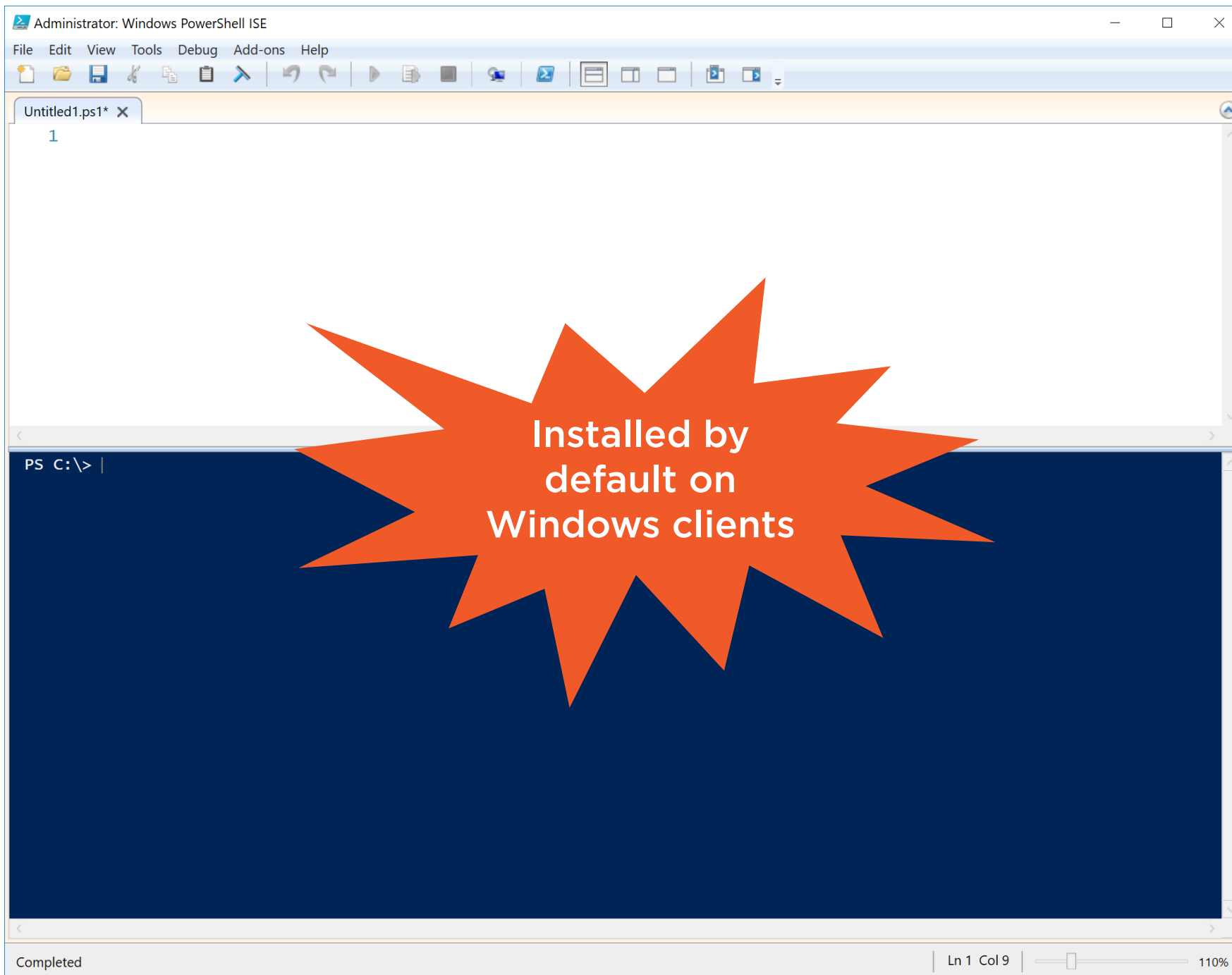
PowerShell ISE

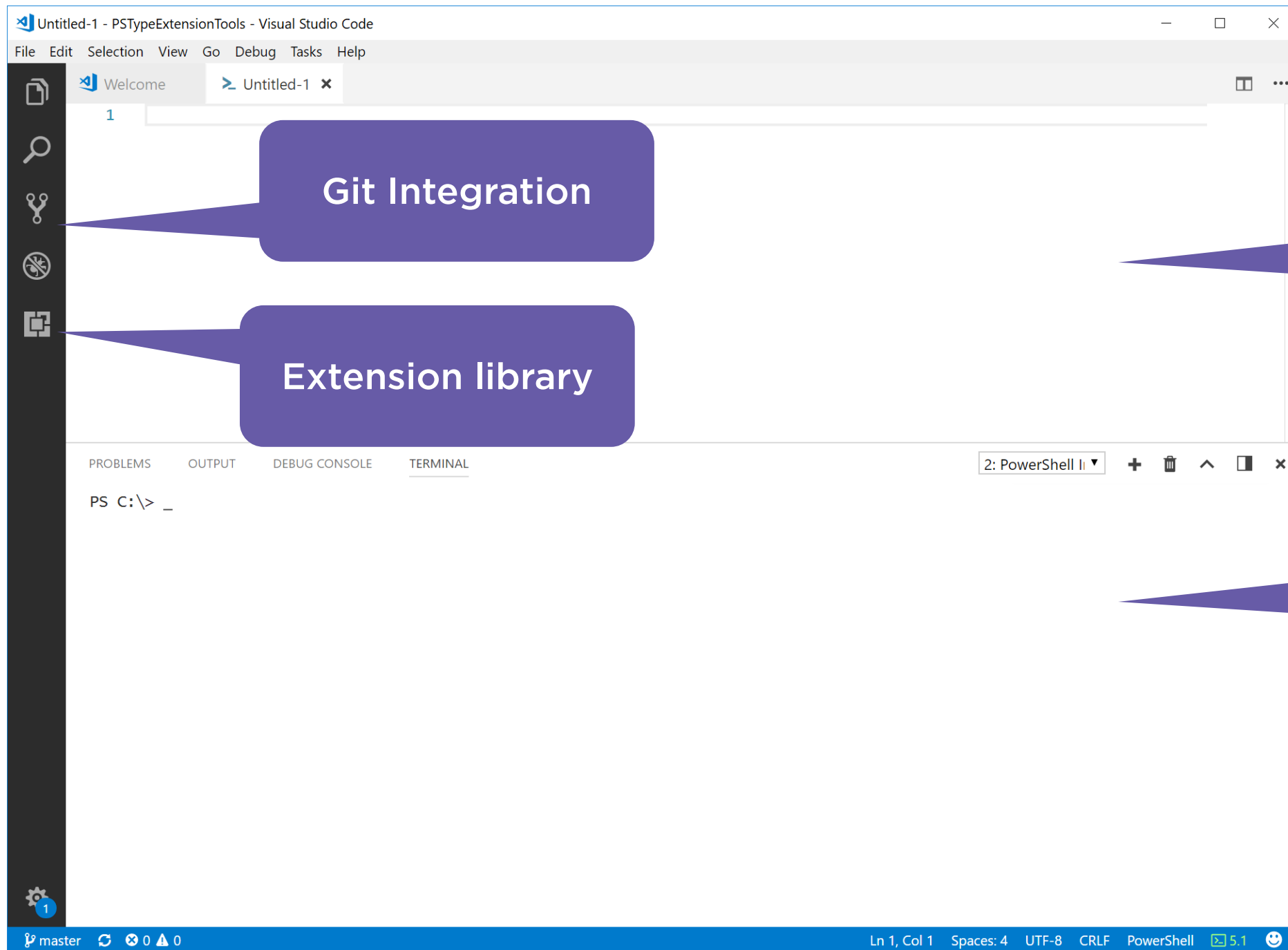
Scripting Panel

Interactive
Console



PowerShell ISE





VS Code

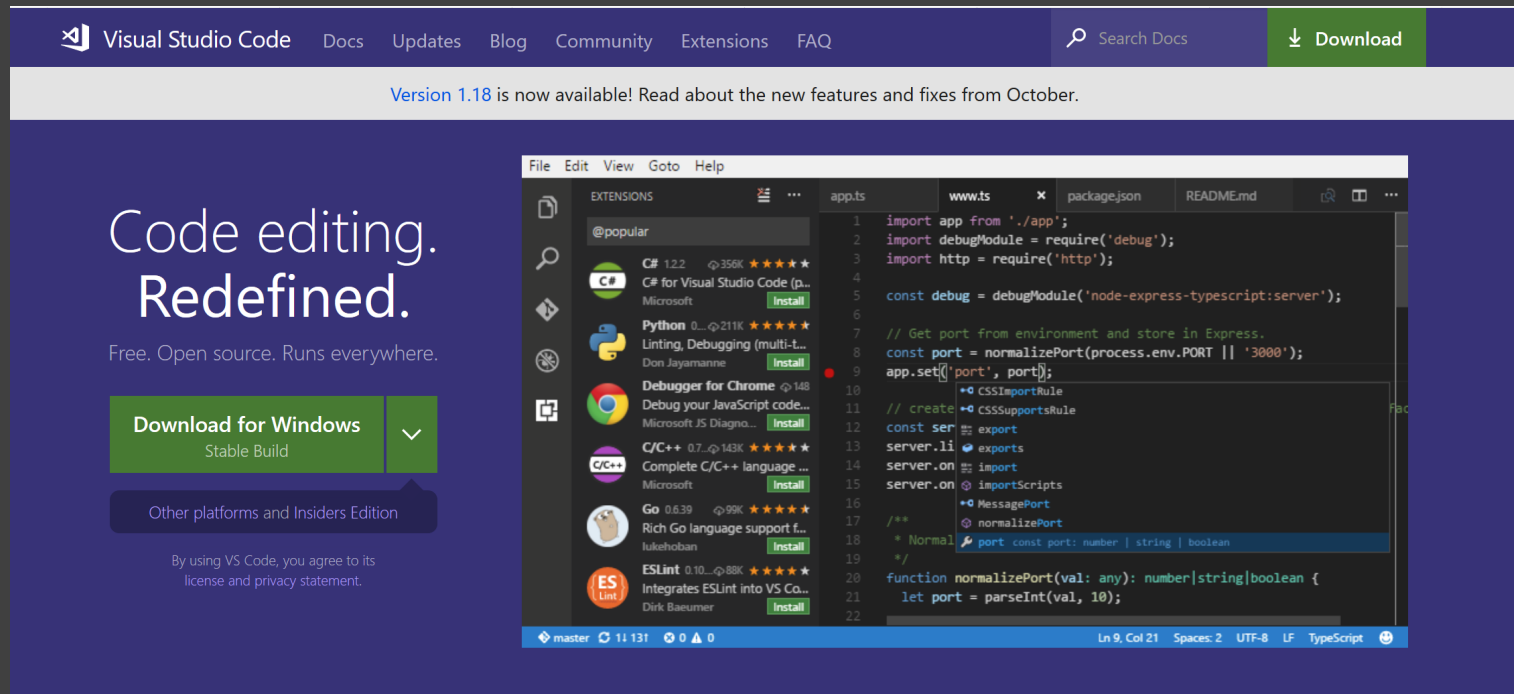
Git Integration

Extension library

Scripting Panel

Interactive Console



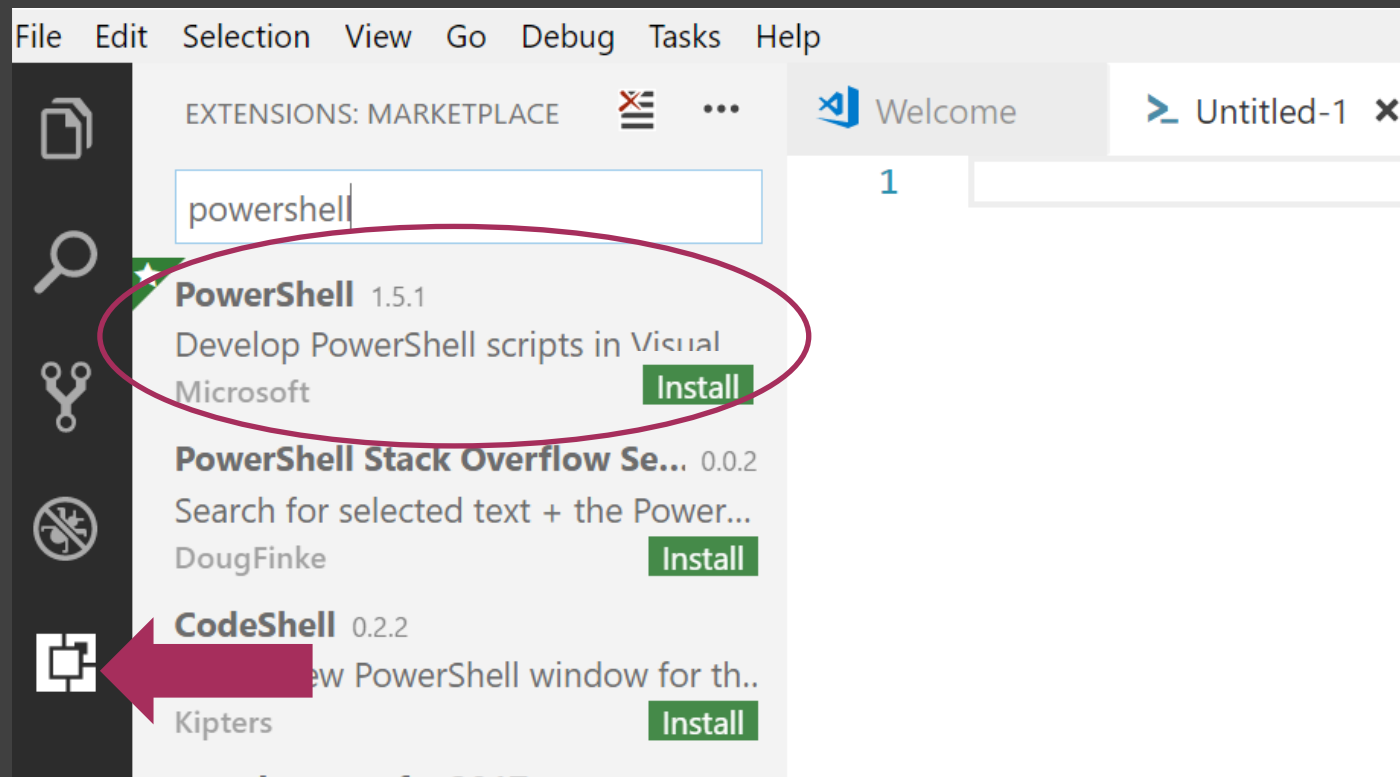


Setup VS Code

Download and install latest VS Code

- <https://code.visualstudio.com>



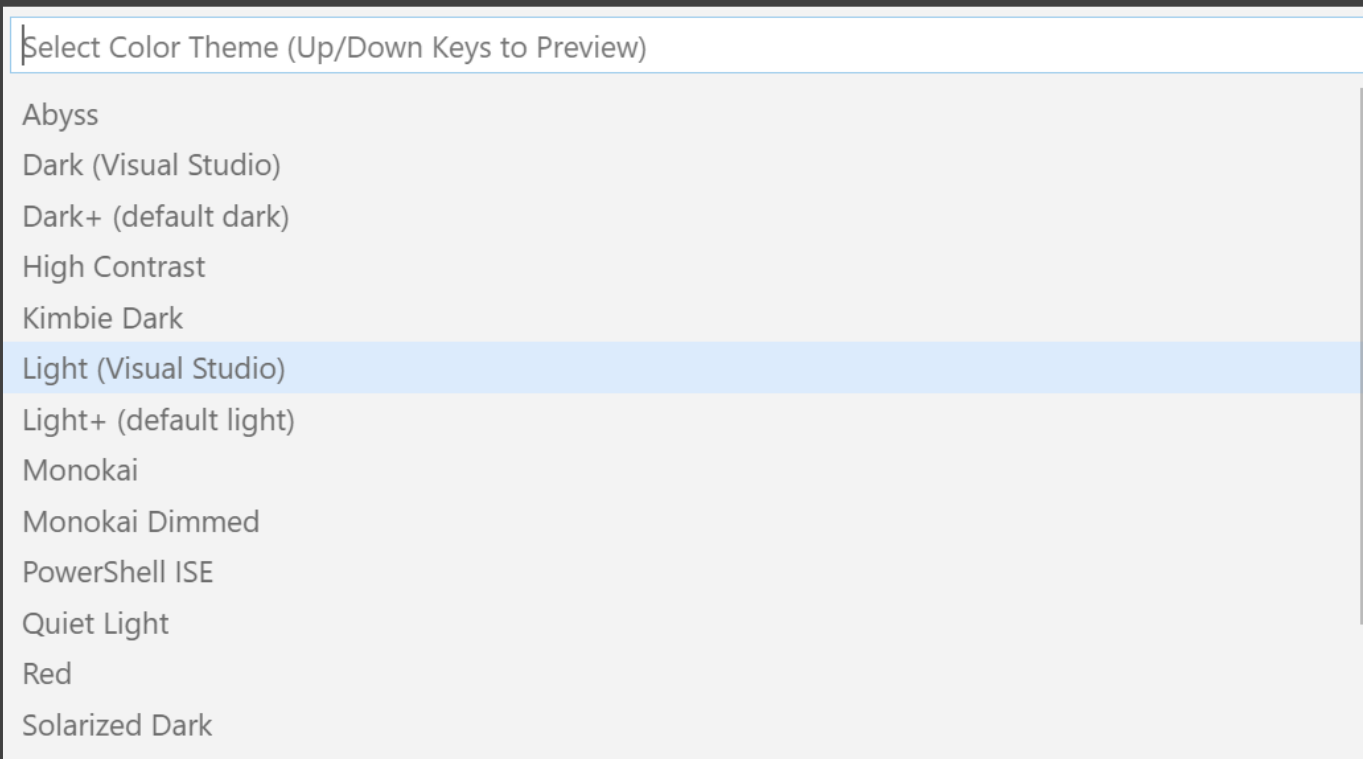


Setup VS Code

Download and install latest VS Code

Install the PowerShell extension





Setup VS Code

Download and install latest VS Code

Install the PowerShell extension

Adjust theme

- File - Preferences - Color Theme



Supporting Sources



PowerShell.org

Pluralsight.com

<http://bit.ly/PSHEssentials>



Summary



Make sure you fit the requirements

Setup your scripting environment

Open your mind

