PowerShell Workshops with Guy Leech

Audience

Technical people whose role encompasses the writing, debugging and/or using of PowerShell. These would typically be consultants, developers, DevOps engineers, QA testers, system admins, support engineers, etc. It is not suitable for absolute beginners in PowerShell, but all other skill levels will be catered for.

Benefits

Attendees will depart with an increased knowledge of how to make their PowerShell robust, performant, efficient and have the knowledge to make them fit for sustained Enterprise use. They will also learn many tips and tricks that make Guy efficient and his code largely resistant to failure which will accelerate their own PowerShell journey and abilities and improve the quality of their code.

This is a completely bespoke/tailored product delivered by Guy Leech who has been a software developer for over five decades – see the Biography section for more detail. This is not an off the shelf training course, which never seem to quite fit what you actually need, given by an instructor who spends all his time training people and none in the real world getting practical experience – this is the complete opposite!

Approach

To answer questions, with live examples and/or demonstrations, on Windows, such as:

1. How do I make this script robust?
2. How do I make this script faster?
3. Where could this script fail? (time zones, languages, etc)
4. Why does this script (sometimes) fail?
5. Where are the security flaws/loopholes in this script?
6. What are the common pitfalls/mistakes and how do I avoid them?
7. How do you efficiently troubleshoot PowerShell scripts?
8. How do you troubleshoot Windows problems efficiently using PowerShell?
9. How can I automate this specific, repetitive/error prone, manual task?
10. How do you write a PowerShell script from scratch?
11. What are the typical mistakes people make in PowerShell?
12. What are your PowerShell best practices?
13. How do I write reusable code?
14. How do I harness regular expressions?
15. How do I create a Graphical User Interface (GUI) for my script?
16. How do I write maintainable code that can be used and understood by others?
17. What are the tips and tricks that will accelerate my PowerShell journey?

Attendees may bring existing scripts with them to use during the workshop. These will not be copied or circulated to any other attendees or the staff unless the attendee specifically grants this. Sessions will not be recorded, and recording is not permitted by attendees.

Any other relevant PowerShell related questions that attendees have at any time during the workshop are most welcome – the workshops do not follow a set script or agenda.

Please note that this is not a course teaching the basics of how to use or write PowerShell but will benefit all those who regularly encounter PowerShell and are mildly comfortable with it.

Format

Each in-person workshop will have no more than ten attendees, unless it is a single company event but a smaller number is still recommended, such that Guy can have quality one to one time with attendees to ensure they understand the answers, concepts, corrections, etc given by him. Two-way staff/attendee interaction is key to the success of the workshop from the attendee's perspective as this is not a fixed content training course.

Where questions are not immediately forthcoming from the attendees, Guy will use real life examples from his extensive experience to cover list items in the "Approach" section above.

Biography

Guy Leech wrote his first lines of code in 1980 and initially was a Unix device driver and application developer, in C and C++, after graduating, with a bachelor's degree in Computer Science from the University of Manchester in 1988, before becoming involved in EUC consultancy in 1995.

He devised and wrote the first two major versions of the product, unique for many years, that became AppSense Application Manger and is now Ivanti Application Control.

During his 30 years of working as a consultant/developer in the EUC space, he has implemented and troubleshot many end user systems, mostly for large companies, and actively developed software solutions to bridge the gap between the product's promise/limitations and user needs.

He is recognised and acknowledged by his peers as an expert in using PowerShell to solve real world issues in the Windows world. He is a rare instance of a PowerShell "guru" with a solid, professional, software development background and troubleshooting and an analytical mind.

Guy currently researches and writes software professionally for several prominent software vendors in the EUC space as well as having public GitHub repositories with well in excess of 130 practical/useful scripts. He also frequently presents at conferences/events, including multiple years at the annual multi-day European PowerShell conference (PS Conf EU), always with live demonstrations, on topics such as PowerShell, troubleshooting Windows systems, regular expressions in the real world and more, aimed at technical audiences. In addition, he writes guest blog posts and scripts for other software vendors.

Awards

- Microsoft MVP (5 years)
- Citrix CTP (5 years)
- VMware vExpert (6 years)
- Parallels VIPP (4 years)
- Omnissa Tech Insider (1 year)
- ControlUp DEXe DEXpert 1 year)

Endorsements
LinkedIn Recommendations

Jeffrey Snover, inventor of PowerShell – "What a great PowerShell one-liner"

Tim Mangan, father of App-V – "Dude, you're a PowerShell god"

Carl Webster, Citrix CTP Fellow – "I hereby christen that from this day forth, that @guyrleech shall now be called The Lord of PowerShell"

Trond E Haavarstein (Eric), Citrix CTP & Microsoft MVP – "If you have complex PowerShell code needs I highly recommend hiring @guyrleech"

Cláudio Rodrigues, EUC legend – "@guyrleech is your go-to guy for anything PowerShell. Incredible chap and always there to help"

Jeremy Moskowitz, CTO for Endpoint Products for Netwrix (PolicyPak) – "as a paying customer, his services are completely worth paying for"

Duration

The standard duration is one day consisting of seven hours of face time with a small number of short breaks plus 45 minute lunch break. Prices for longer durations are available upon request.

Requirements

Attendees must bring their own devices capable of running Windows PowerShell, such as a laptop. Mains outlets should be available in the workshop room and a wireless network.

Availability & Locations

Scheduled periodically in venues in major European cities, with attendees from multiple companies, and also available as a single company on-site package. Dates available upon request.