



POWERSHELL + DEVOPS™ GLOBAL SUMMIT 2016

Happy 10th birthday, PowerShell! Over the past decade, Microsoft's object-oriented management shell has grown into a cross-platform, community driven technology for implementing automation. It's becoming a core enabler for organizations adopting a DevOps approach to software development and infrastructure administration. That's why we're proud to announce the evolution of PowerShell Summit: **PowerShell + DevOps Global Summit**. This new event, located in the technology nexus of Bellevue, Washington, brings together the many players in the PowerShell and DevOps space for one amazing event. This sixth edition of the Summit will be the best ever, with an all-new, double-down focus on technically deep education, new opportunities to engage and interact, and an evolved agenda format that helps you push technology and practices to the business level of your organization.

POWERSHELL LINUX
RUNBOOKS WS-MAN CLASSES FUNCTIONS AUTOMATION
DEBUGGING SERVERS SECURITY WMF
CLIENTS WORKFLOW DSC DEVOPS
CONFIGURATION ISE TOOLMAKING

KEY FACTS

When: April 4-6, 2016
Pre-con workshops April 3, 2015

Where: Maydenbauer Center,
Bellevue, WA

Cost: \$950 for main conference
\$1500 for conference + precon
Travel expenses not included

What's Included: Light breakfast and
lunch each day, snacks and drinks
during evening receptions

Hotel: Several hotels are available
within walking distance of the venue

Registration is open December 1, 2015
to March 1, 2016.

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WHERE COMMUNITY AND EDUCATION COMBINE

Because Summit is a community-driven and community-run event, it's the only place where the entire community comes together. Product team members from Microsoft, practitioners from across the globe, independent authors and experts, and technologists from the broader ecosystem all converge with a single goal: to help further the practice of DevOps in real-world organizations, and to grow the expertise in technologies (like PowerShell, Workflow, DSC, WS-MAN, and more) that make it happen.

Summit isn't just a place where you shuffle into a room to watch someone run through some slides and a demo or two. We want everyone to be engaged and involved, asking questions, sharing their experiences, and challenging assumptions. Summit isn't just the place where you learn about PowerShell Language Specification technologies or DevOps - it's where everyone works together to actively evolve the state of the art.

At Summit, we discuss and create best practices for using technology and implementing DevOps approaches. We write code to help meet community needs and solve community problems. We develop and document new techniques, and we validate new patterns. We make new connections, and we renew old ones.

At PowerShell + DevOps Global Summit, we all help make this industry, and we all help move it forward.





DEEP. DEEPER. **DEEPEST.**

Summit isn't a good place for newcomers to the DevOps world, or for those who are just getting started in technologies based on the PowerShell Language Specification. This isn't the place to learn what Remoting is, or to ask where to find the documentation.

Summit is a deep dive. Take everything you're thinking about when you read "deep dive," and then multiply it by 2 or 3, and you'll start to get a feel for what Summit is. This is the event for expert practitioners, for people whose careers depend upon these technologies and practices. This is the "doctorate-grade" education for our industry.

You'll be rubbing elbows with the people who've helped create the open-source code that ships in Microsoft Windows. You'll meet the people who developed PowerShell itself, and who moved so much of its usefulness into open source repositories and non-Microsoft operating systems. You'll be eating lunch with MVPs who've worked on these technologies since the beginning. You'll be coding with the people who created the basic patterns and practices we all take for granted.

And this year, we're making our agenda more flexible, allowing for the inclusion of not only tightly-focused 45-minute sessions, but also of longer and more in-depth sessions covering a range of technological and business-practice topics.

AMAZING EDUCATION, AND SO MUCH MORE

A solid chunk of your time at PowerShell + DevOps Global Summit will be given over to technology and practices sessions, of course. In fact, we anticipate providing almost 40 total hours of education across four days - and we'll record almost all of them, since we know you can't clone yourself.

But those sessions are just the tip of the iceberg. We also provide ample opportunities for unstructured discussion, ad-hoc workshoping, and peer networking. In fact, past attendees have told us that much of Summit's value comes from these "off schedule" activities, where they get to address their specific problems, contribute their unique experiences, and engage on their own terms. During registration, we'll even ask you about the top problem you hope to learn to solve at Summit, so that we can connect you with like-minded attendees and let you hash out a solution together.

Summit is **nothing** like the giant conferences you're probably used to. We cap attendance at around 200 people to ensure close communications. There are no expo halls, no sales pitches, and no marketing talks. Summit is completely nonprofit and entirely noncommercial. We're platform-agnostic, vendor-neutral, and 100% dedicated to making sure our community has an independent place to develop itself, its practices, and its tools.

In short, it's pretty amazing.



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DEVOPS? PLS? WTH? _

A decade ago, Microsoft released Windows PowerShell as a free add-on for Microsoft Windows. It was pitched as a great way to start automating administrative tasks in Windows, and as a kind of successor to VBScript.

That was a decade ago. And although many of us still see PowerShell as “that automation scripting language for Windows,” it’s oh, so much more.

The open PowerShell Language Specification (PLS) has enabled the creation of PowerShell implementations for operating systems other than Windows. The underlying Core CLR is also open, making it even easier for others to make cross-platform implementations. Key supporting technologies like PowerShell Remoting are based on open standards (like WS-MAN). High-level solution platforms like Desired State Configuration (DSC) are built on top of open standards like the Common Information Model (CIM). And much of DSC’s functionality, in the form of DSC Resources, come from the community and from open-source code offered by Microsoft. Windows Server 2016 and Windows 10 even ship with code from the open-source community: the Pester testing framework.

All of this adds up to make “that automation scripting language” a serious player in the open, cross-platform administrative automation space. Or, if you prefer, “DevOps.” That’s why we’ve renamed Summit for 2016. Oh, you’ll still find plenty of “PowerShell content,” but that content is no longer necessarily applicable only to the Windows OS. And more and more of that content is going to be focused on using these technologies in real-world business situations, predominantly around automating infrastructure configuration and maintenance.

Or, if you prefer, “DevOps.”



AGENDA HIGHLIGHTS

You can visit PowerShellSummit.org for a full agenda, but we thought we'd whet your appetite with these selections (subject to change without notice):

Real-World Test-Driven Development (Blender)
Digital Forensics in PowerShell (Atkinson)
JEA: Notes from a Formula One Environment (O'Neill)
Converting to DSC in a vSphere Environment (Dekens)
What Does DevOps Actually Look Like? (Jones)
Building Modules Using Metaprogramming (Edwards)
PowerShell on Amazon Web Services (O'Brien)
CIM Deep Dive (Siddaway)
A DevOps DSC Crash Course (Helmick/Murawski)
Proper Toolmaking Practices and Techniques (Jones)
Harvesting the Web (Minasi)
LCM Deep Dive (Platt)
Accelerated Toolmaking (Hicks)
Windows CM from Linux (O'Brien)
Survive and Thrive in a DevOps World (Murawski)

PLUS: A special address from Microsoft Technical Fellow Jeffrey Snover, and Lightning Demos from the Windows Management Framework product team members, followed by a meet-and-greet reception.



Most Summit sessions are recorded and made available on YouTube shortly after the event. However, for 2016, certain sessions will not be recorded and will be exclusive to the in-person event. No sessions are live-streamed.



PROUD SPONSORS

We're proud of our continued partnership with key vendors in the DevOps space, and we know they'll appreciate your support.



SAPIEN Technologies provides authoring tools that support Windows PowerShell and dozens of other languages, providing you with integrated development experiences for all your DevOps needs. They're the presenting sponsor for our Tuesday night reception.



Pluralsight is a leader in online, on-demand video training for technology professionals. For Summit 2016, they're providing an enhanced recording experience that includes live HD video, and those recordings will be made available at no charge to Summit attendees (non-attendees will still have access to our basic recordings on YouTube).

