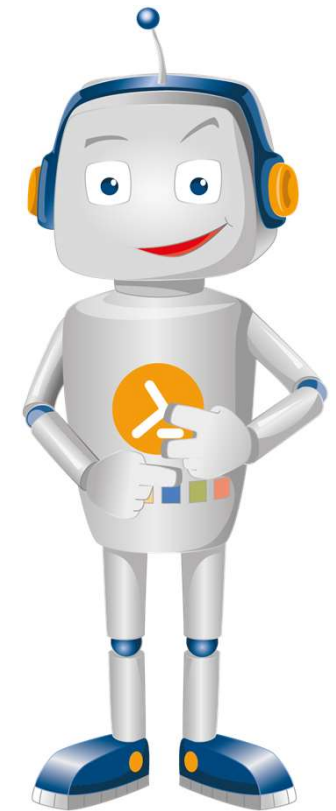


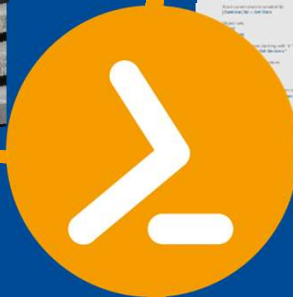
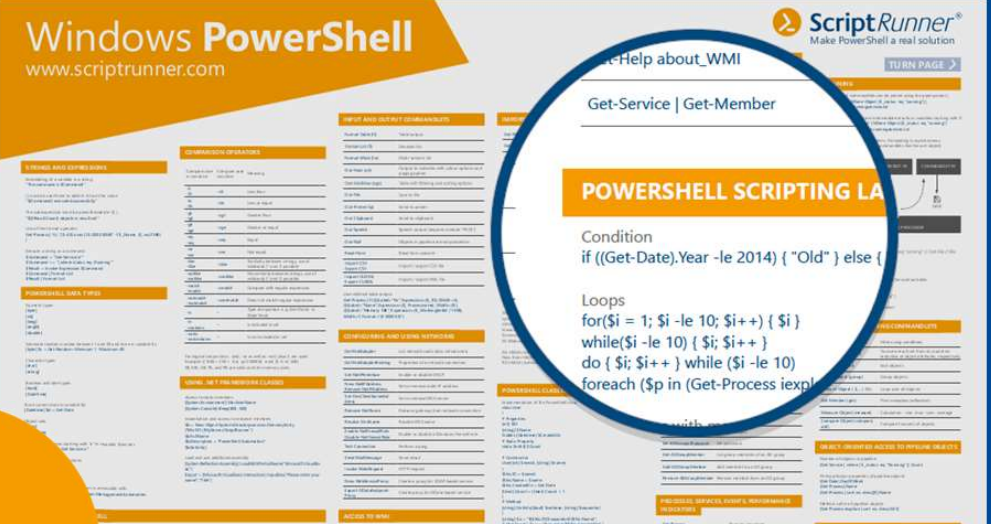
Make PowerShell A Real Solution in 5 steps

Automate. Delegate. Relax.

Heiko Brenn  @heikobrenn

www.scriptrunner.com





 **ScriptRunner®**
The #1 for PowerShell Management

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 heiko.brenn@scriptrunner.com



ScriptRunner®



<https://lp.scriptrunner.com/en/powershell-poster>

Challenges for IT Pros

PowerShell is a tool for IT experts only

How to delegate tasks to service desk or end users?

No centralized & secure PowerShell management

Many recurring tasks still have to be taken over by IT Pros

Drown in daily business



Centralizing PowerShell is key



Standardization



Collaboration



Supervision



Security



Delegation



Automation

Achieve More With PowerShell In 5 Steps



Centralize your PowerShell scripts



Manage credentials & permissions securely



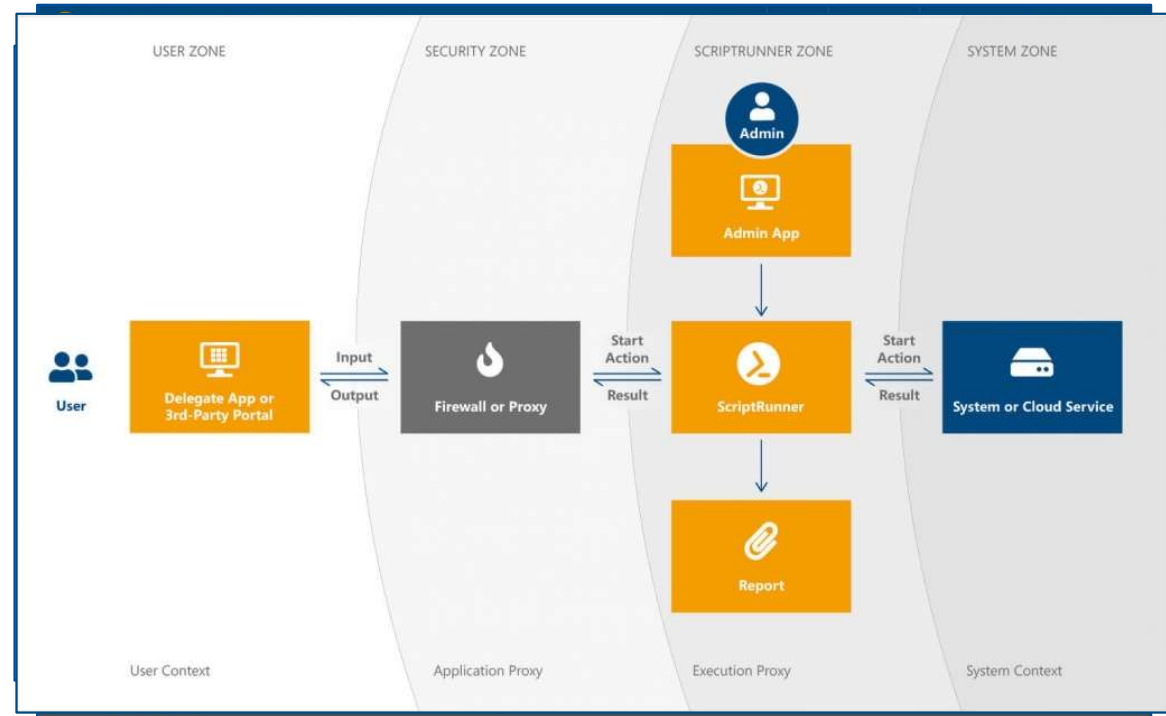
Automatically transform PowerShell scripts into Web GUIs



Delegate recurring tasks to help desk and end users



Integrate with ITSM, Monitoring & Workflow systems and more





Manually

Users execute tasks in web browser



Scheduled

Time-controlled tasks



Automatically

Event triggered by 3rd party systems

Windows PowerShell & PowerShell 7 with ScriptRunner

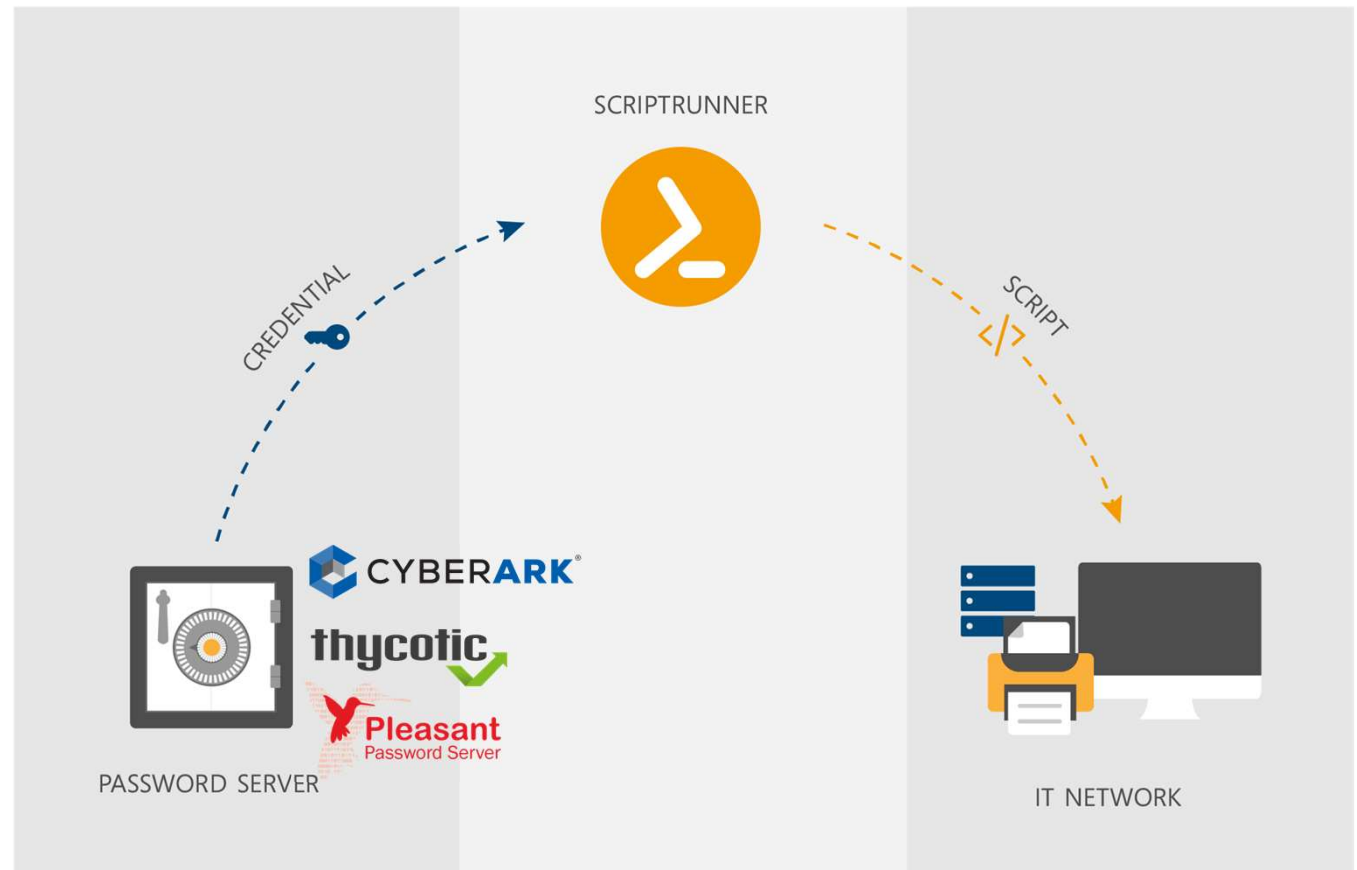


| ScriptRunner® | | |
|------------------------------------|------------------------------|-------|
| Windows PowerShell 2006 - today | PowerShell 7 2016 - today | |
| .NET Framework | .NET Core | |
| Windows | Linux | macOS |

Password Server Support



- Centralized password safes
 - CyberArk Password Vault
 - Pleasant Password Server
 - Thycotic Secret Server
- No credentials are stored locally
- Automatic password rotation
- Easy one secure password repository for multiple ScriptRunner servers



Demo

ScriptRunner in Action



ScriptRunner – Secure Delegation



<https://www.scriptrunner.com/de/software/system/>

ScriptRunner test report fom a Microsoft MVP



Adam Bertram aka Adam The Automator
Microsoft MVP Cloud and Datacenter Management

"ScriptRunner is a master of organizing, categorizing and delegating scripts."

"ScriptRunner is a real DevOps tool for PowerShell scripters."

"Compared to large automation platforms, ScriptRunner is significantly cheaper."

"to get the same functionality of ScriptRunner, it would require several applications to get a similar feature set."

"If you are looking into automating your administration and support processes easily and securely, you will find a powerful and professional tool here."

<https://www.adamtheautomator.com/scriptrunner-bringing-powershell-to-devops/>

ScriptRunner – Practical Examples and Use Cases



Develop scripts in a team and organize them centrally



Standardize administrative team activities



Manage user accounts and groups quickly and easily



Reset password, unlock user, (de)activate accounts



Automated user provisioning and deprovisioning



Exchange – Allow or block mobile access with Active Sync



Exchange – Smart management of Out of Office settings



Exchange – Manage mailboxes and distribution lists



Manage rights to files, directories and file and printer sharing



Print Management – Manage print servers, printers and print jobs



Manage Azure AD and Office 365 easily and securely



Delegate software provisioning and offer it as self-service

<https://www.scriptrunner.com/en/use-cases/>

ScriptRunner – Make PowerShell A Real Solution



Admin



DevOps



Developer



Help Desk



End User



ScriptRunner – The components



ScriptDeveloper



DevOps Plugin

SysAdmin



AdminApp

ServiceDesk



DelegateApp

EndUser



SelfServiceApp

Ready-made Scripts



ActionPacks

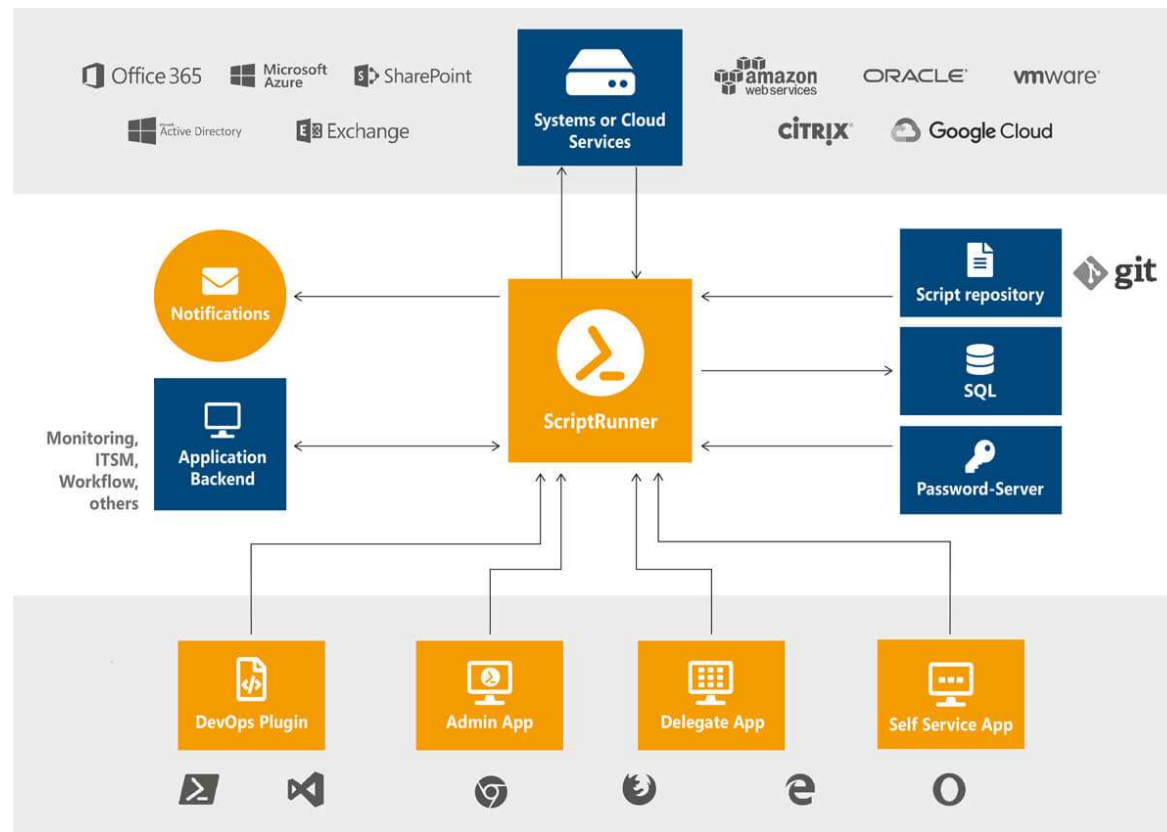
Integration



Connectors



ScriptRunner – How the components play together

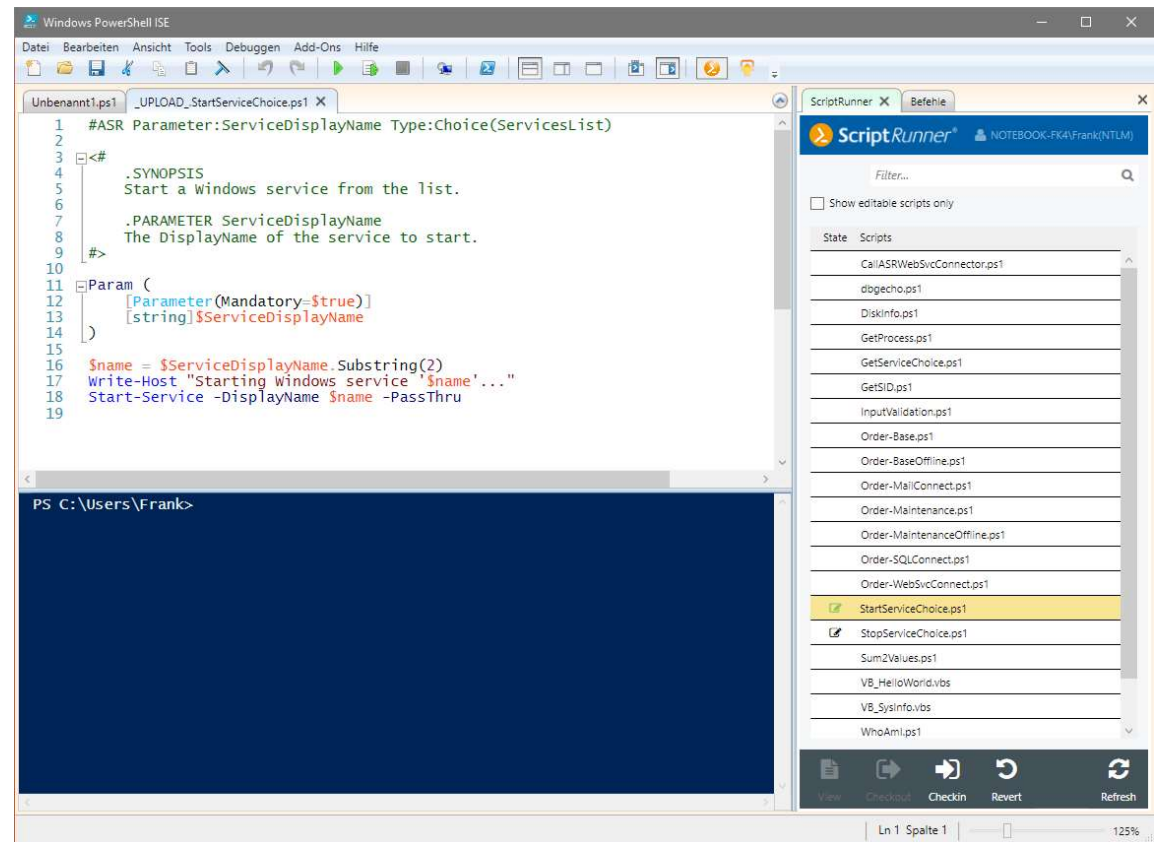


<https://www.scriptrunner.com/en/software/system/>

ScriptDeveloper – DevOps Plugin



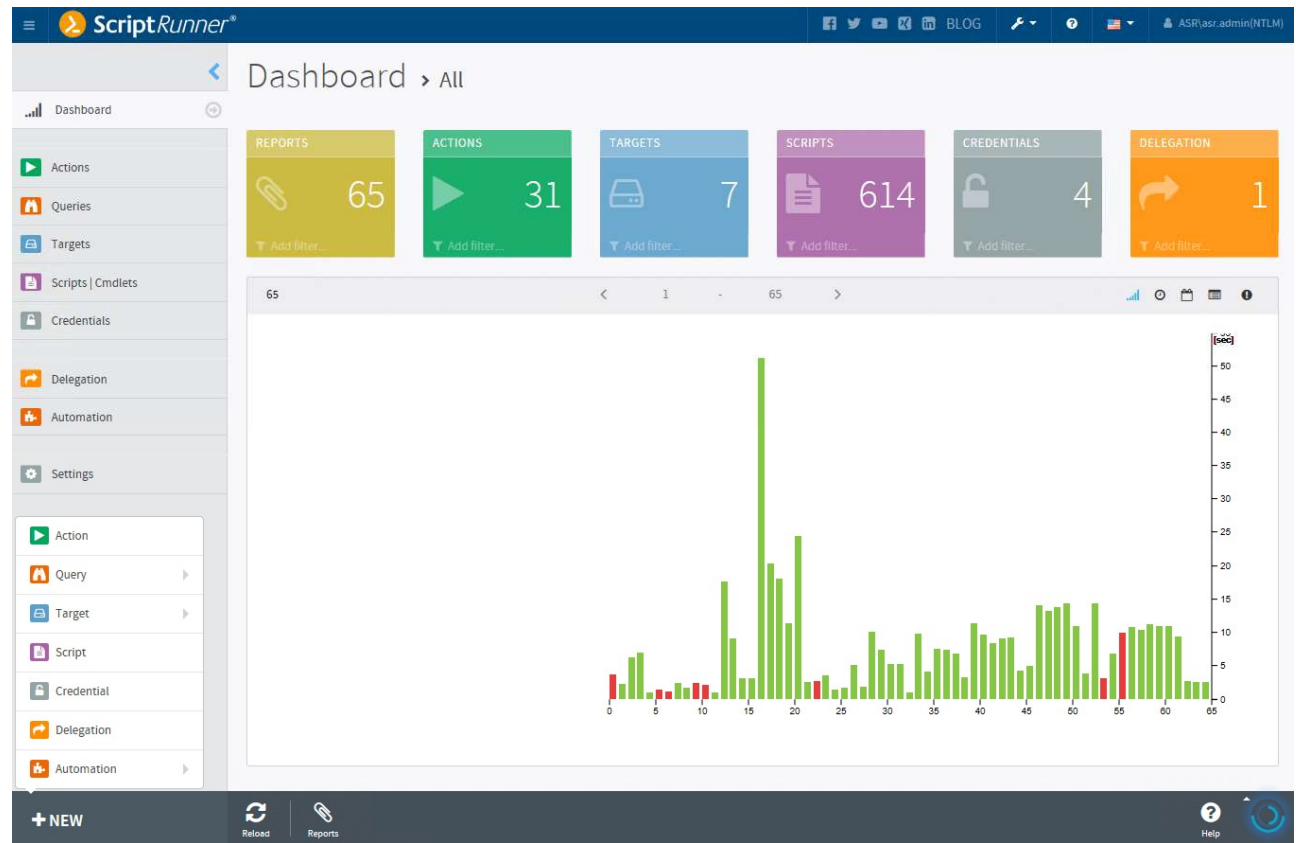
- › ISE Plugin
- › Team-based script development
- › Central script repository
- › Filters
- › Check-in with history
- › Check-out
- › GitHub integration
- › TFS integration
- › More information
 - › <https://www.scriptrunner.com/en/software/scripts/>



SysAdmin – Admin App



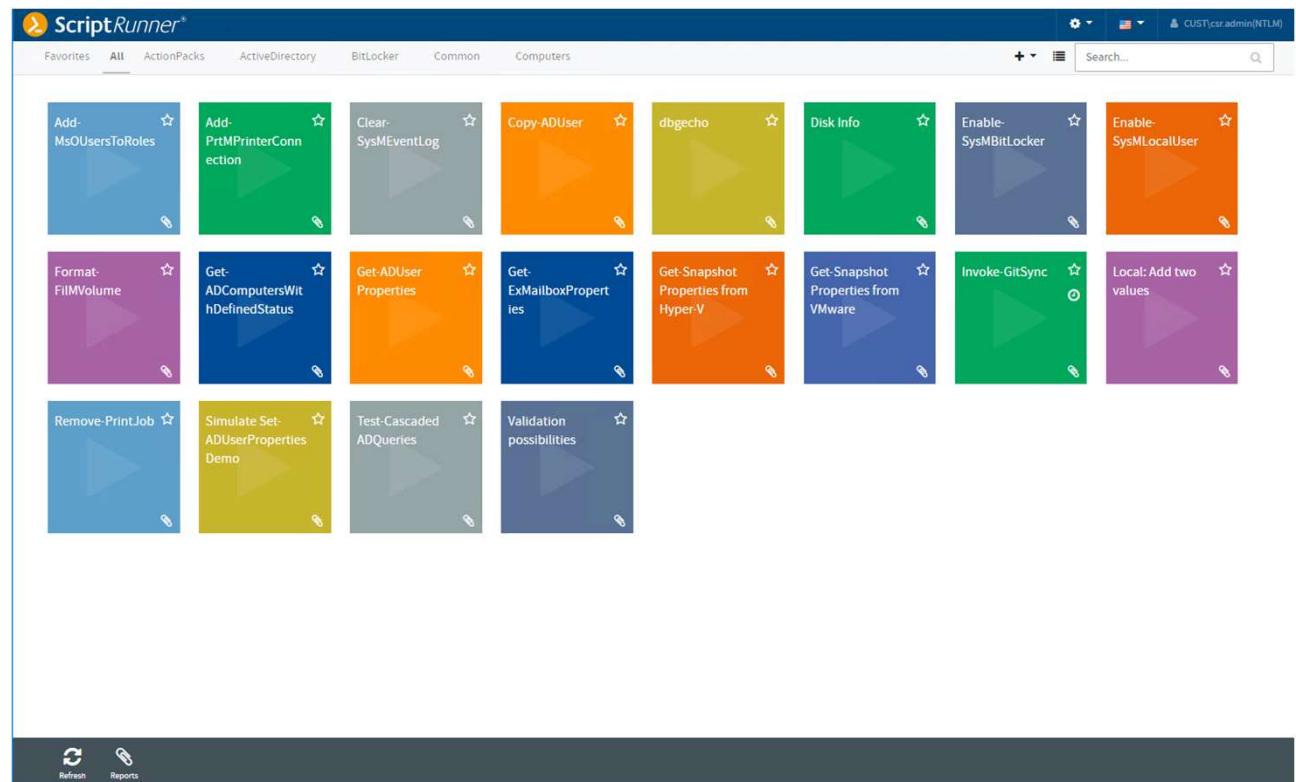
- › A web GUI for PowerShell
- › Dashboard for all activities
- › Create ScriptRunner actions
- › Manage and test queries
- › Target configuration
 - › Direct local
 - › PowerShell remoting
 - › Implicit remoting
- › Secure delegation of ScriptRunner actions
- › Scheduled script execution
- › Secure credential handling
- › Configure automation connectors
- › Organizing by tags
- › Reports and Logging
- › More information
 - › <https://www.scriptrunner.com/en/software/web-apps>



ServiceDesk – DelegateApp



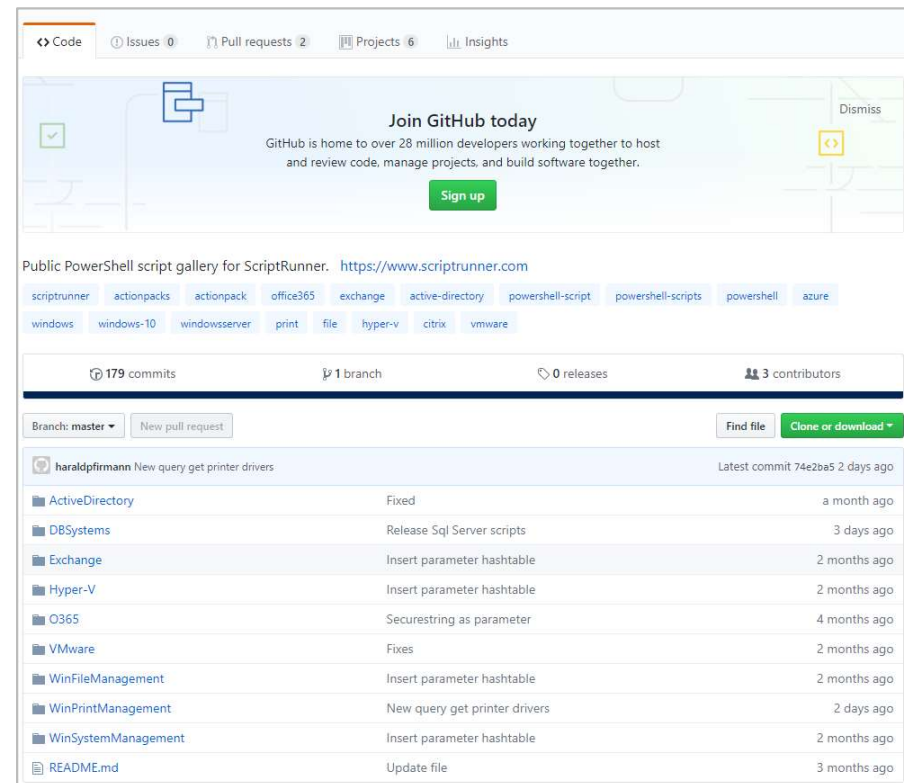
- › A web GUI for PowerShell
- › Execute PowerShell scripts in the browser
- › Delegate specific ScriptRunner actions to team members, helpdesk or endusers
- › No administrative permissions for users required
- › Parameters for script execution can be hidden
- › Input dialogs are automatically created from PowerShell script
- › Script execution logging and reporting
- › More information
 - › <https://www.scriptrunner.com/en/software/web-apps>



Ready-made Scripts – ActionPacks









- Easy implementation of many use cases
- Out of the box scripts for
 - Active Directory
 - Office 365
 - Exchange
 - VMWare
 - Hyper-V
 - Citrix
 - File-/PrintServer
- Scripts and templates for partner products
 - Paessler PRTG
 - Matrix42
 - Nagios
 - Automic ONE
- More informationen
 - <https://github.com/scriptrunner/ActionPacks>
 - <https://www.scriptrunner.com/en/software/script-sammlungen/>



ScriptRunner – Out-Of-Office example



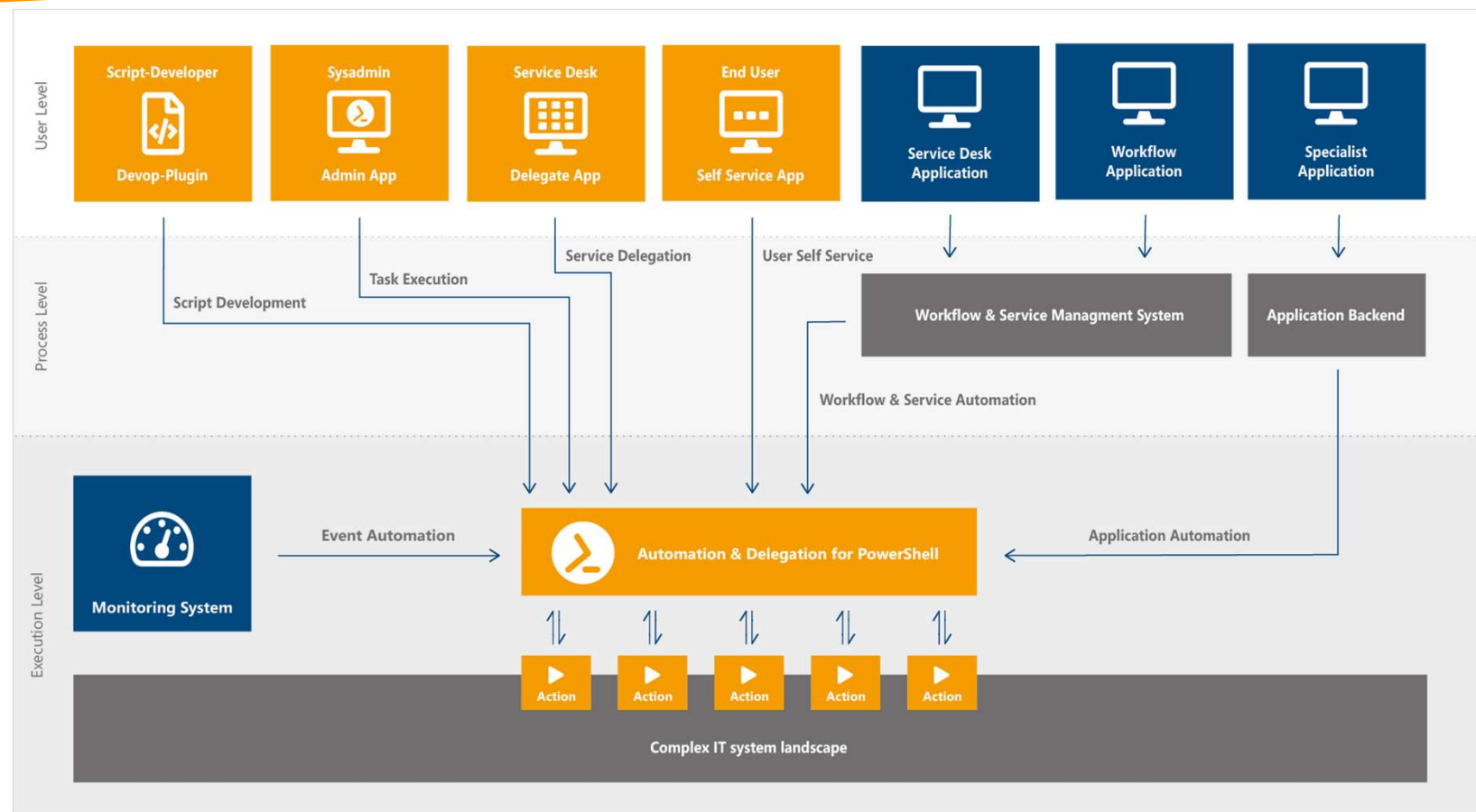
| | | |
|---|-------------|--|
|  | Actions | Activate OutOfOffice |
|  | Queries | Select mailbox(es) |
|  | Targets | Exchange, Exchange Online |
|  | Scripts | Set-OutOfOffice.ps1 |
|  | Credentials | Service account with necessary permissions |
|  | Delegation | Help desk user, End user |

Integration – Add new functions with connectors

- 3rd party systems automatically trigger ScriptRunner Actions
 - Monitoring Systems
 - IT Service Management
 - Business Workflow
 - Applications
- Password server integration
 - CyberArk
 - Pleasant
 - Thycotic
- More information
 - <https://www.scriptrunner.com/en/software/automation-connector/>



ScriptRunner – The Full Picture



<https://www.scriptrunner.com/en/software/system/>

ScriptRunner: One Solution – Many Benefits



Manager

My teams
become
more
productive

Deliver great scripts in
a secure environment



DevOps

Delegate recurring
tasks and save time



Administrator

Deliver more & better
services in less time



HelpDesk

Develop scripts for
more use cases/users



Developer



EndUser

Faster task completion
with self-services



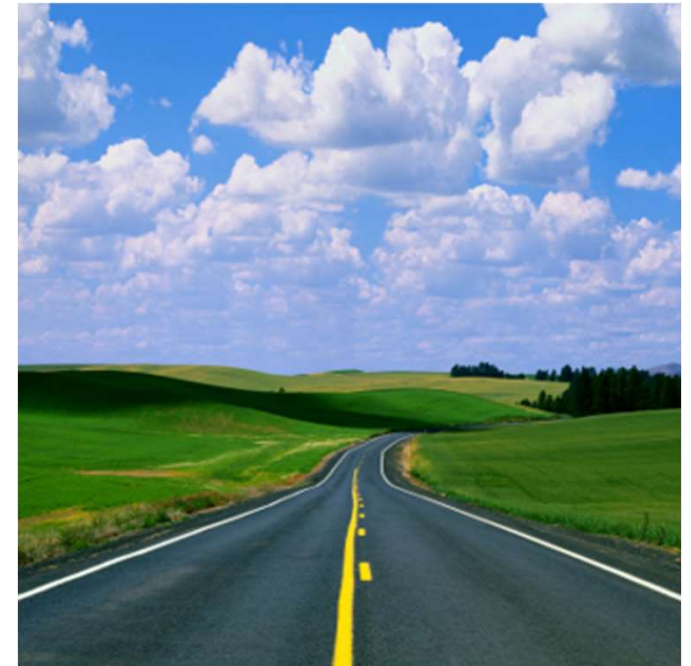
Next Steps

Read the LinkedIn article „2020 – Finally the year of IT automation?“ <https://bit.ly/2NNkc88>

Start testing ScriptRunner:
lp.scriptrunner.com/en/demo-download

Book a online demo session with me:
lp.scriptrunner.com/meetings/heiko-brenn/demo-en

Start using hundreds of ready-made PowerShell scripts: <https://github.com/scriptrunner/ActionPacks>



Thank you.

www.scriptrunner.com

ScriptRunner – The #1 for PowerShell Management.



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Mail: info@scriptrunner.com