

From Automation Noob to... Automation Noob With a Plan

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Advice I've been given

“Learn a language.”

- Which Language? How do I choose?
- Once I've chosen a language, how do I learn it?

“Pick a configuration management tool”

- Which one is right for me?

“Learn to consume and leverage APIs”

- How do I get started?

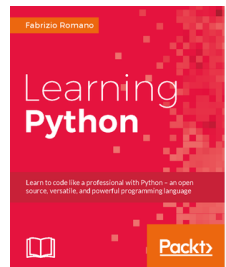
“Have a problem to solve”

- What am I doing repeatedly that I'd rather not spend time on?

Learn a Language



Learn Python course



Learning Python by Fabrizio Romano

Occasionally available for free at:

<https://www.packtpub.com/packt/offers/free-learning>



Google
Developers

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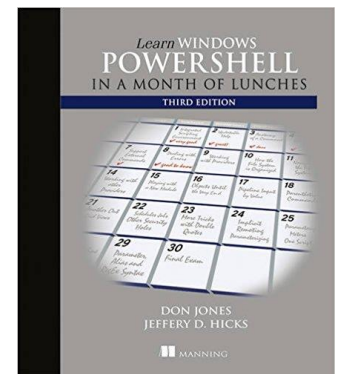


PowerShell



Learn PowerShell in a Month of Lunches

Companion Book by Don Jones and Jeff Hicks



PLURALSIGHT

Automation with PowerShell Scripts

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Pick a Configuration Management Tool



puppet



A N S I B L E

- [Puppet Learning VM](#)
- [Puppet Users Group](#)
- [Lab and Break \(then fix\) session](#)



CHEF



SALTSTACK

Learn to consume and leverage APIs



#vBrownBag

API Zero to Hero Series



POSTMAN

Have a Problem to Solve

The screenshot shows the Veeam Backup and Replication console interface. On the left, a PowerShell window displays the command `Get-PSSnapin -Registered` and its output:

```
Name       : VeeamPSSnapIn
PSVersion  : 3.0
Description: This is a Powe
```

The main console area shows a table of backup jobs:

NAME	TYPE	OBJECTS	STATUS	LAST RES...	NEXT RUN
Critical	VMware Back...	1	Stopped	Failed	7/24/2017 11:00:..
Normal	VMware Back...	2	Stopped		<Disabled>
SureBackup Job 1	VMware Sure...	1	Stopped	Failed	<not scheduled>
Test Backup	VMware Back...	1	Stopped		<Disabled>

Below the table, a summary section provides details for the selected job:

SUMMARY	DATA	STATUS	THROU		
Duration:	0:01:39	Processed:	N/A	Success:	0
Processing rate:	N/A	Read:	N/A	Warnings:	0
Bottleneck:	N/A	Transferred:	N/A	Errors:	1

Have a Problem to Solve

Start Small

- I fixed my issues with 7 lines of code

```
Add-PSSnapin VeeamPSSnapin
$jobs = Get-VBRJob
foreach ($job in $jobs){
    $options = $job.getoptions()
    $options.SanIntegrationOptions.UseSanSnapshots = $False
    Set-VBRJobOptions -Job $job -Options $options
}
```

Additional Advice

Pick an Editor

- I prefer VSCode



Use Version Control

- Codecademy “Learn Git” [course](#)
- vBrownBag [Commitmas](#)

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Thank You!

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Blog post with links and slides at <https://FullStackKENgineer.com>



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