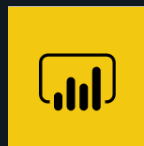


Administering SSRS/PBIRS was a
boring task!
Sorry...did you said WAS?



Cláudio Silva, SQL Server DBA & PowerShell MVP



Power BI Report Server







MS SQL Server DBA

Working with MS SQL Server since version 2000

SIEMENS

Ingenuity for life

Cloud and Datacenter Management MVP (PowerShell MVP)



Community

Major contributor on **dbatools** (<http://dbatools.io>) and **dbachecks** (<http://dbachecks.io>) PowerShell open source projects

Contributions to **ReportingServicesTools** PowerShell module



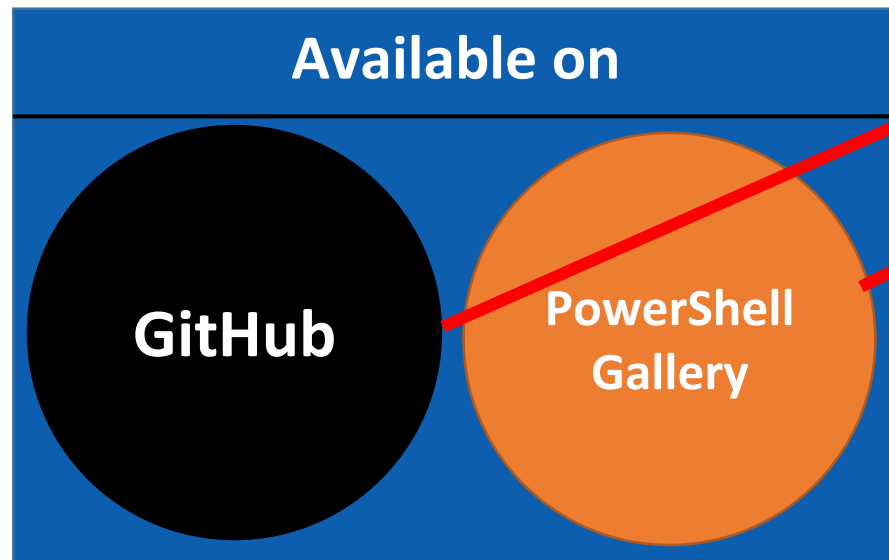
AGENDA

- What is ReportingServicesTools and where I can find it?
- How does it work?
- System Requirements
- Installation
- What is included?
- Known limitations
- Demos



WHAT IS REPORTINGSERVICESTOOLS AND WHERE I CAN FIND IT?

Open Source PowerShell Module
Allow us to perform various operations with SSRS / PBIRS



<https://www.powershellgallery.com/packages/ReportingServicesTools/0.0.5.0>

PowerShell Gallery Packages Publish Statistics

| Contributors | Downloads |
|--------------|-----------|
| 20+ | 30K+ |

18/05/2019
Last Published

Info
[Project Site](#)
[License Info](#)

Installation Options

Install Module Azure Automation

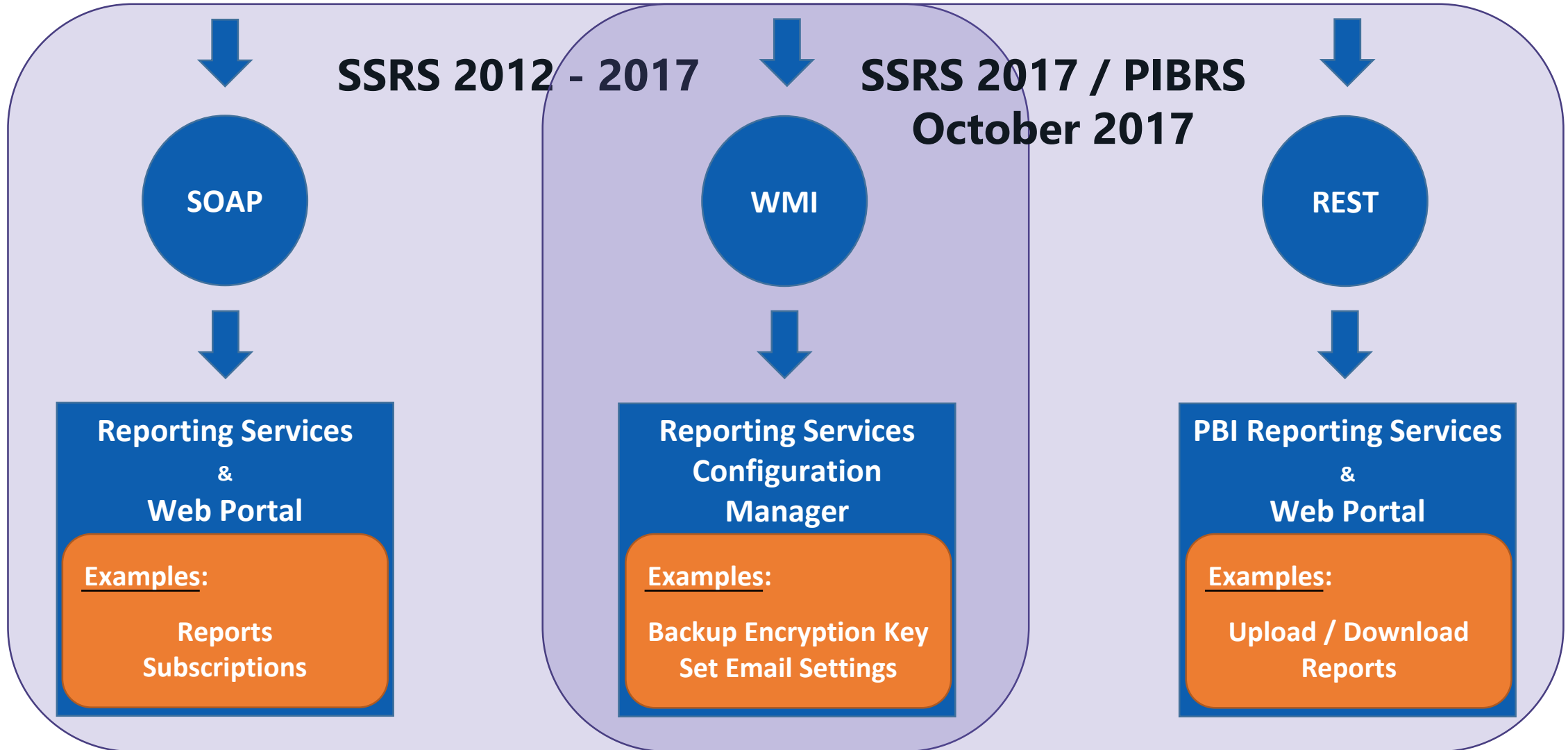
Copy and Paste the following command to i
[More Info](#)

Reporting Services PowerShell



HOW DOES IT WORK?

Three different APIs



Minimum

- Client
PowerShell v3+
- Server
SQL Server Reporting Services 2012 +



PowerShell Gallery

- Install-Module –Name ReportingServicesTools
- Install-Module –Name ReportingServicesTools –Scope CurrentUser

GitHub

- Invoke-Expression (Invoke-WebRequest <https://aka.ms/rstools>)



WHAT IS INCLUDED?

41 SSRS Commands + 12 PBIRS Commands

Catalog items:

- Folders
- Data sources
- Reports
- Subscriptions *

Security:

- Grant/Revoke Permissions *

Configuration Manager options **:

- Encryption Keys
- Email settings
- URLs settings

Utilities:

- Proxy * / Rest Session
- New Catalog Item Role

* Not available on PBIRS (REST API) commands

** Only available with WMI (API) commands



KNOWN LIMITATIONS

Missing:

- SSL support

- ~~More supported extensions (jpg, png, bmp, gif, xls, xlsx)~~

- Work with Shared datasources

Minor bugs:

- Restore-RsEncryptionKey failing on 2017 due to service name assumption ([#159](#))

- ~~Write-RsRestCatalogItem fails to upload non-ascii-named files with HTTP 422 error~~

Submit issues or request features using the "Issues"->"New Issue" or directly from <https://github.com/Microsoft/ReportingServicesTools/issues/new>



DEMOS!

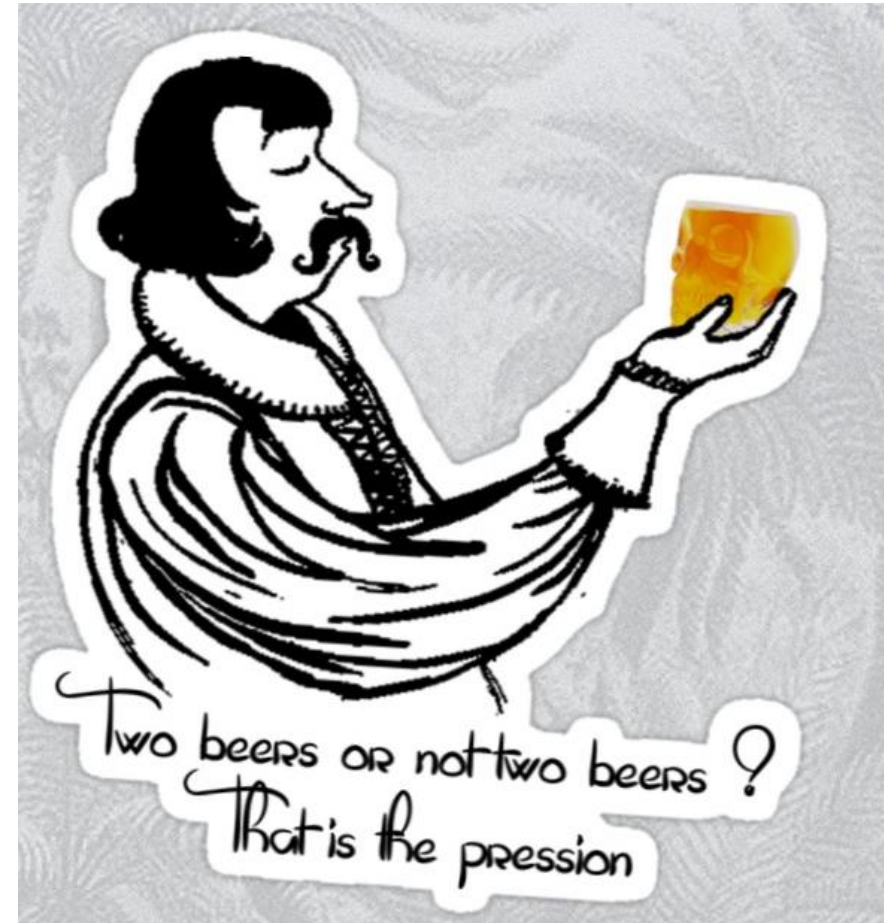
We will be using v0.0.5.0



ASK YOUR QUESTIONS



[Source](#)



[Source](#)



Session Feedback Day 1 (not optional!)

<http://bit.ly/DataGrillen2019Day1>



Event Feedback
(not optional!)

<http://bit.ly/DataGrillen2019Event>



Let's drink and eat! 😊

