



DBAtools Unplugged: Beyond Backup/Restore with PowerShell!

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Ben has been in the SQL Community since 1998. He began SQL use in 1998 using SQL 6.0 and SQL 6.5.

He uses PowerShell every day and loves to learn new things as often as possible.

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Agenda

- What you need to know!
- Patterns in dbatools
- Making it more usable

What you need to know!

- Verb-Noun syntax followed in the module
- Command Pattern
 - Verb-Db...Noun

What you need to know! (Prefixes)

- Rg (Resource Governor),
- Db (Database),
- Ag (Availability Group),
- Pf (Perfmon),
- XE (Extended Events),
- Wsfc (Windows Server Failover Cluster),
- Pbm (Policy Based Management)

Parameters in dbatools Commands

- -SqlInstance
 - most always is an Array
- -Database
 - most always is an Array
- -SqlCredential
 - can be passed NULL object and still works with Windows Auth
- -EnableException
 - always off by default, you can enable to be able to get raw exception

Return Data Types

- Data
 - PSCustomObjects that contain data about the objects
- Objects (SMO)
 - Full fidelity SMO objects that allow modification



Demo Time!!!!

Thank you

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Slide templates

Essential slides you must include in your presentation

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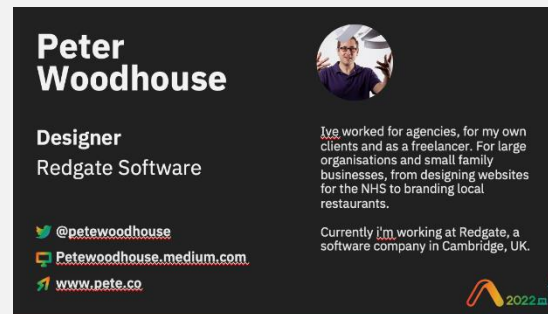


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Why encryption isn't enough for database development environments

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Pronouns
Job title
Organization/business

Speaker slide



Peter Woodhouse

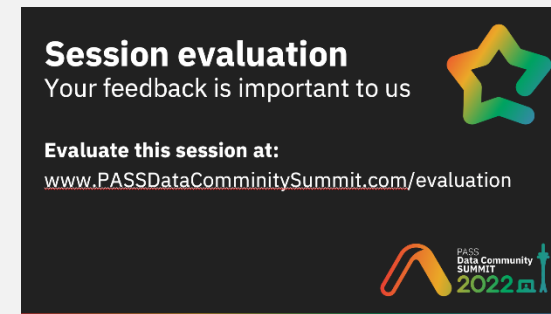
Designer
Redgate Software

I've worked for agencies, for my own clients and as a freelancer. For large organisations and small family businesses, from designing websites for the NHS to branding local restaurants.

Currently I'm working at Redgate, a software company in Cambridge, UK.

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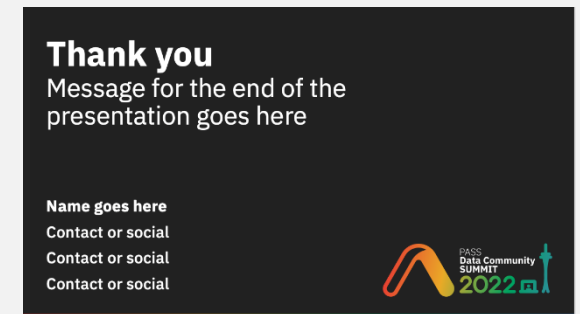
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Examples:



Default title slide



Personalized



Personalized

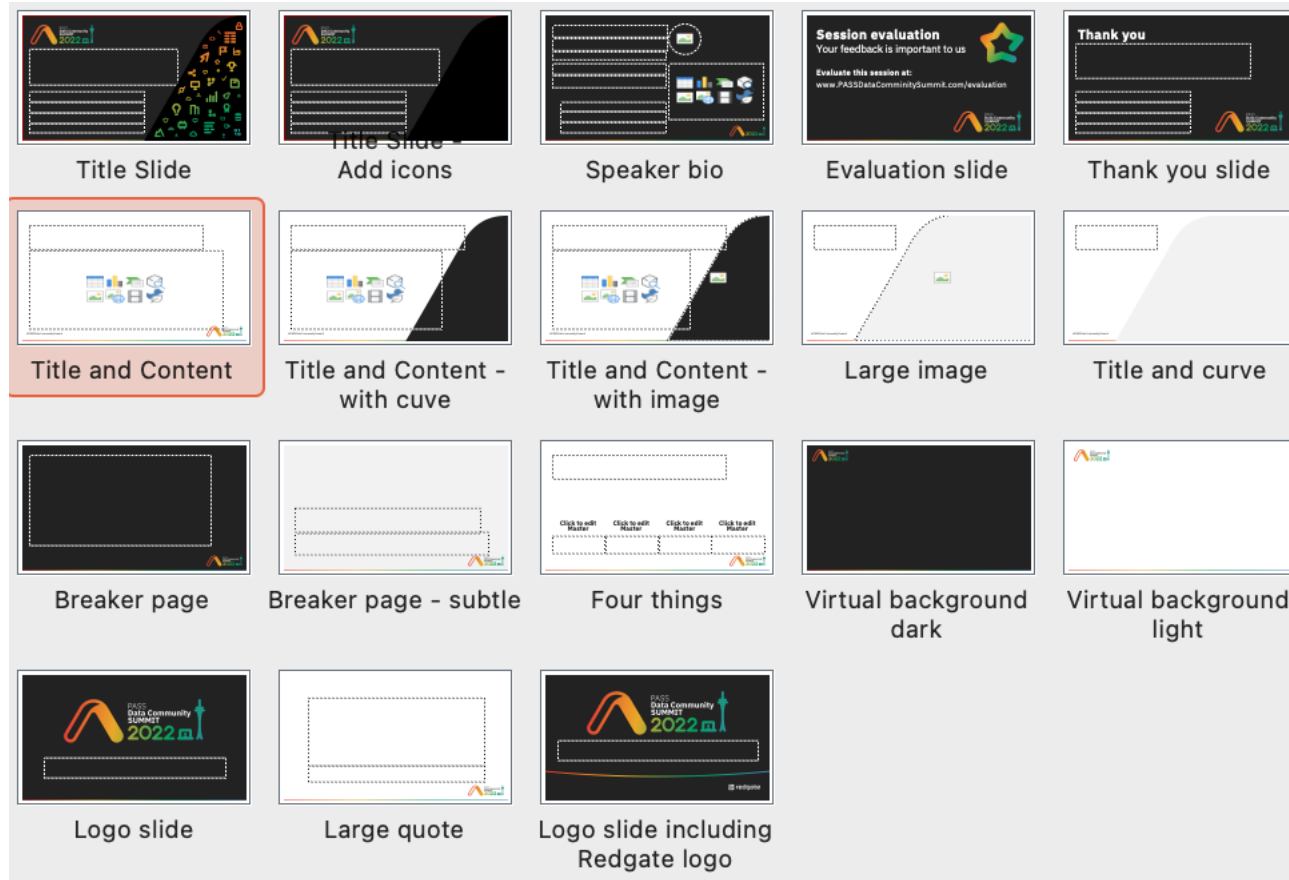


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- **Please avoid** overlapping the icons or the curve
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- **Have fun** and use icons that relate to your session

Other slide templates

A variety of other slide layouts are provided



Icons and graphics

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Icons



A selection of icons for use in your presentations

Using the icons

The icons can be used big or small.

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They can be used as bullet points



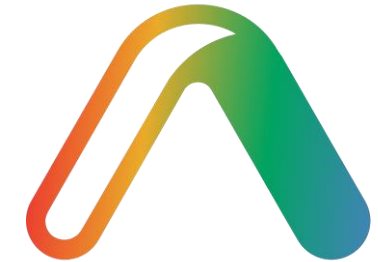
Just like they're being used here



Keep them relevant to the point if possible



Other graphics you may find useful



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Create your own, and why not
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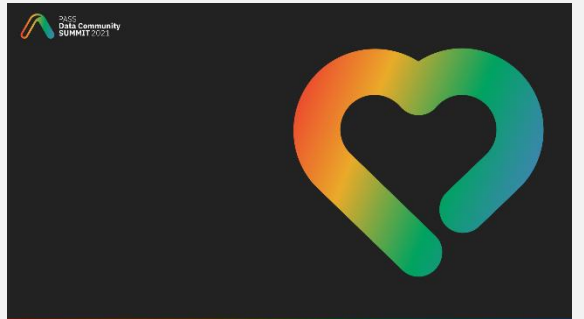
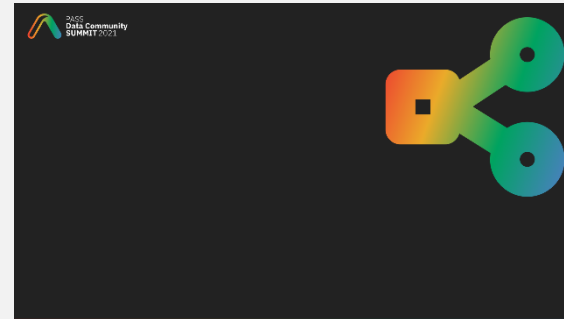
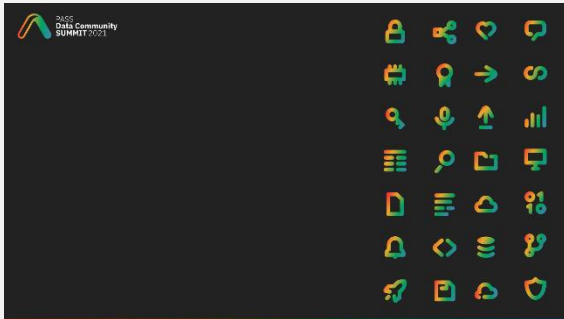
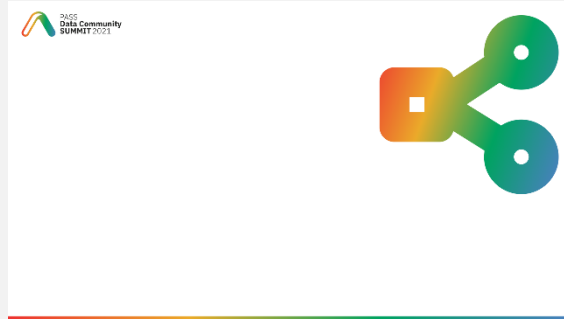


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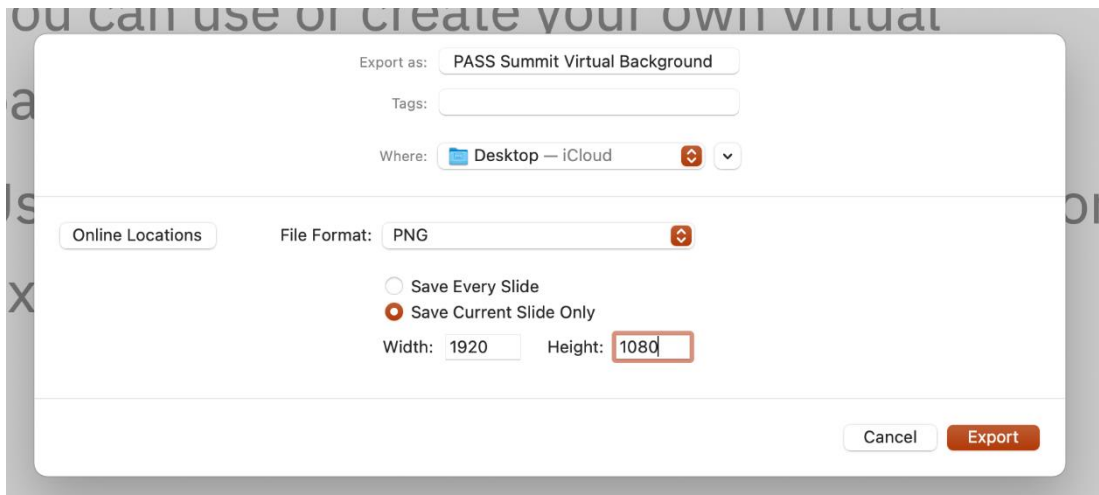


Virtual background examples



Create your own virtual background

1. Use the Virtual background slide layout
2. Add the icons from page 8
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Slide examples



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Using the default icons

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Why is Database DevOps essential for cloud migration

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Github basics for any DBA

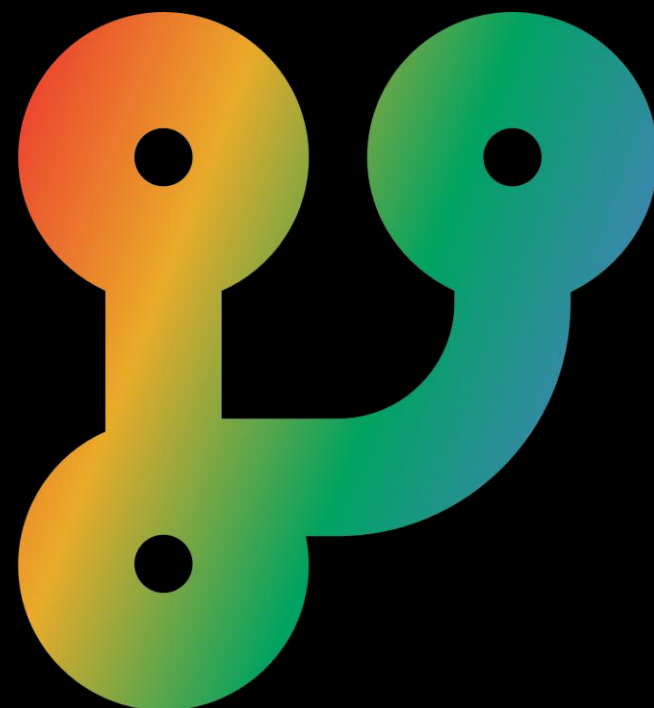
Practical tips

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Why the data community is at the heart of any business

Fun stories & examples

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