

The databases in SSDT

A work with project and best practices



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Almost 20 yrs experience as DEV/BI/(DBA)
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Project member of „SCD Merge Wizard”
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SQL Server Certificates:
MCITP, MCP, MCTS, MCSA, MCSE Data Platform,
MCSE Data Management & Analytics
Moreover: Bicycle, Running, Digital photography
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Blog

- Technical posts
- Various skill level
- Cheat sheets
- Recommended books
- Many other useful links
- Interviews (Podcast)
- YouTube Channel



SQL Player

Play with data & have fun!

www.SQLPlayer.net

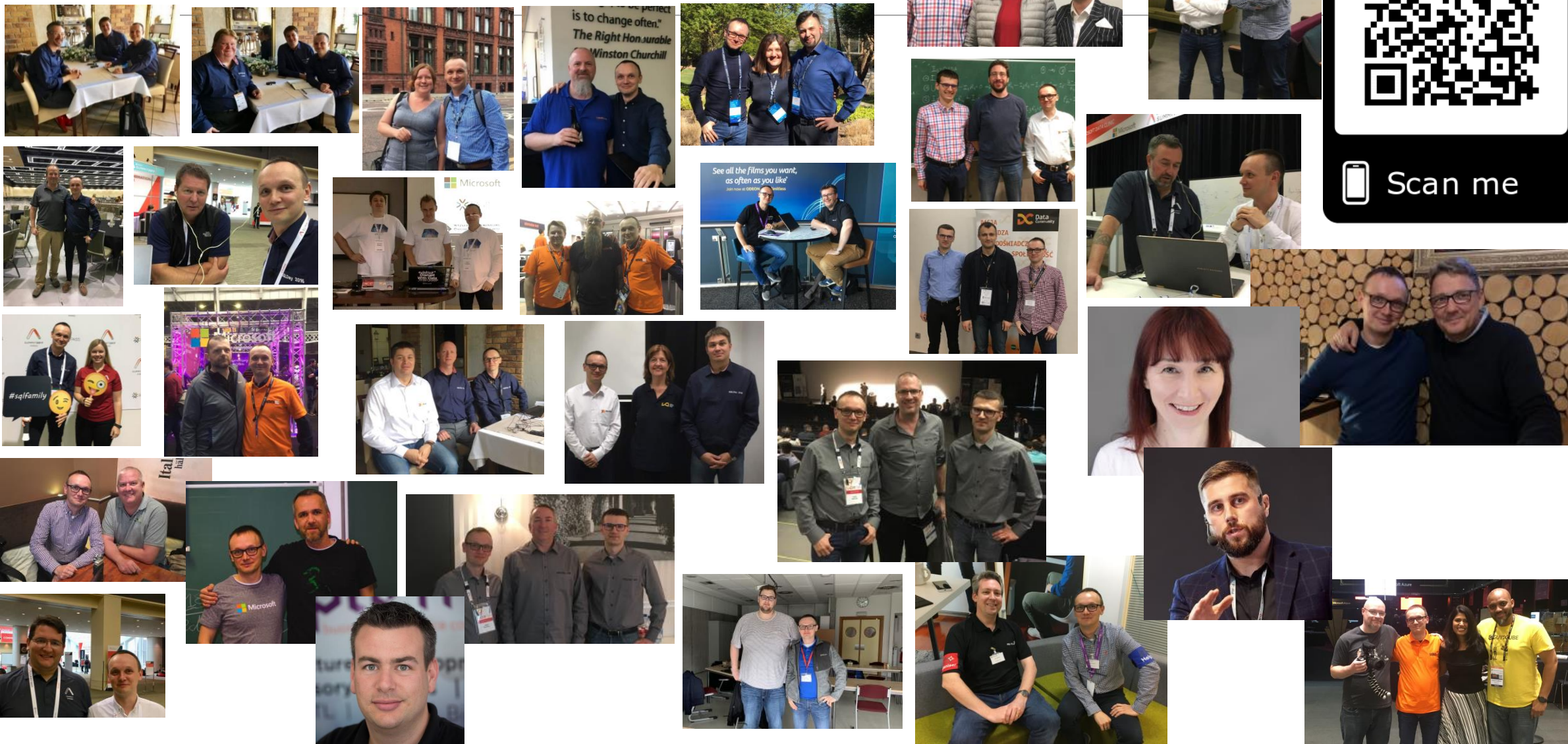


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“Ask SQL Family” #podcast



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YouTube



www.SQLPlayer.net/YouTube



- github.com/sqlplayer/
 - SCD-Merge-Wizard
 - DataScriptWriter
 - [azure.datafactory.tools](https://github.com/AzureDataFactory/azure.datafactory.tools)
 - [azure.datafactory.devops](https://github.com/AzureDataFactory/azure.datafactory.devops)

DevOps – how to start?

- Database in source control
- Build CI process
- Deploy (CD) empty database
- Then add the rests:
 - data,
 - security,
 - Unit tests
 - Integration-test (if required)



<http://bit.ly/ssdt-poll>

What is the SSDT?

- SQL Server Data Tools
- Now, it's a part of Visual Studio
- Free!
- Database project, including:
 - Schema, Stored Procedures, Functions,
 - Tables, Views, Security, CLR
 - ... and much more!

DEMO

- Create empty project
- Import existing database
- Project & files overview
- Add new object (view)
- Modification of the project & errors
- Build & DACPAC file
- Generate Script
- Publish
- Publish profiles

Resources

SQL Server Data Tools (SSDT)

All the following posts are in **SSDT series** on the blog:

- New DB project with SSDT and import existing database
- How to create DACPAC file?
- #TSQL2sDay – How SQLPackage.exe can spoil your deployment
- Tokenization of database project in SSDT
- SSDT (SqlPackage) thread crashes with error when publishing
- Script and deploy the data for database from SSDT project
- 📺 Deployment of Microsoft SQL database with Azure DevOps (video)

Microsoft resources:

- 🛠 SQL Server Data Tools (MSDN)
- 🛠 SQLPackage.exe (MSDN)
- 🛠 Data-tier Application Framework (DACFx)
- Microsoft SQL Server Data Tools Team Blog
- GIT – branch organization

Other resources:



QR Code – link to this page



Thank you!



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<https://github.com/NowinskiK/CommunityEvents>



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