



USING SSDT (SQL SERVER DATA TOOLS) TO MANAGE DATABASE LIFECYCLE

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PROBLEMS WITH DATABASE DEVELOPMENT

- SOURCE CONTROL
 - DEPLOYMENT
 - DEVELOPERS VS. DATABASE ADMINISTRATORS
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INSTALLATION

- WEB PLATFORM INSTALLER

MODES OR OPERATION

- ONLINE DEVELOPMENT
- OFFLINE / PROJECT BASED DEVELOPMENT

ONLINE DEVELOPMENT

- OBJECT BROWSER AND EDITING
 - VIEW OBJECTS
 - EDIT OBJECTS
 - GENERATE SCRIPTS
 - UPDATE THE DATABASE
 - DATA TOOLS OPERATIONS WINDOW

PROJECT BASED DEVELOPMENT

- CREATE NEW PROJECT
- IMPORT PROJECT FROM DATABASE

PROJECT BASED DEVELOPMENT

- WORKING WITH OBJECTS
 - TABLES
 - STORED PROCEDURES
 - ETC...

KEY FEATURES

- COMPILE TIME ERROR CHECKING
- SOURCE CONTROL INTEGRATION
- MULTI – TARGETING WITH APPROPRIATE COMPILATIONS
- PRE / POST DEPLOYMENT SCRIPTS
- INTELLISENSE
- SIMPLIFIED SCRIPTS (COMPARING TO DATA DUDE)
- FULL VISUAL STUDIO INTEGRATION
- FULL BUILD INTEGRATION
- FULL CHANGE SCRIPTING
- REFACTORING
- SCHEMA COMPARE

WALKTHROUGH

- EXPORT DATABASE
- ALTER DATABASE
- GENERATE CHANGE SCRIPT
- DEPLOY CHANGES
- CREATE STORED PROCEDURE

QUESTIONS

- SERGEY@BARSKIY.COM
- [HTTP://DOTNETSPEAK.COM](http://DOTNETSPEAK.COM)