

SOMEBODY GOT BIDS HELPER IN MY DATA TOOLS!

BILL FELLOWS AND MEAGAN LONGORIA



FIRST THINGS FIRST

- Slides will be on the SQL Saturday website and on Meagan's blog
- Questions and comments are welcome throughout the presentation
 - We reward (good/entertaining/interesting) questions!



WHO ARE WE?

- Bill Fellows is a failed hair model turned Integration Services wrangler. He's spent the past 14 years as disciple of DTS/DTSX for various entities in the KC area.
- Meagan is a Texan turned Nebraska Cornhusker turned KCMO inhabitant who owns an adorable bulldog and prefers Nutella to peanut butter.
- Bill is a database consultant in Kansas City who specializes in ETL.
- Meagan is a BI Consultant at BlueGranite and has been working in the Business Intelligence field for over 7 years.
- We are both organizers of KC SQL Saturday (October 3, 2015!)
- We blog: <http://datasavvy.wordpress.com>, <http://blog.billfellows.net>
- We tweet: [@mmarie](#), [@billinkc](#)

COMMERCIAL



GOALS

- Understand what BIDS Helper is and where to get it
- Highlight the most helpful features of BIDS Helper for the SSIS, SSAS, and SSRS developer
- Demonstrate features and explain how they improve the development experience

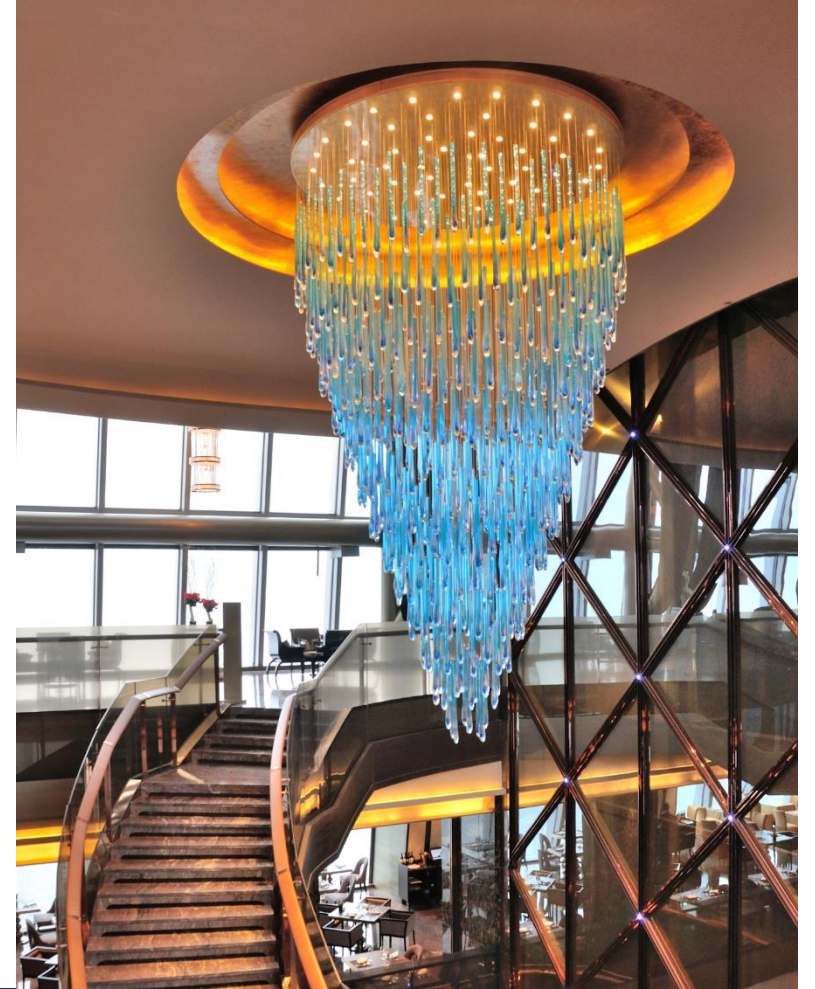


GET BIDS HELPER

- <https://bidshelper.codeplex.com/>
- Current release is 1.7
- Choose the correct version for your version of SQL Server



THE FEATURES



GENERAL

- Enable / Disable Individual Features
- Preferences
- Version Notification



WORKS ACROSS TOOLSETS

- Smart Diff (SSIS, SSAS, SSRS)
- Non-Default Properties (SSIS, SSAS)



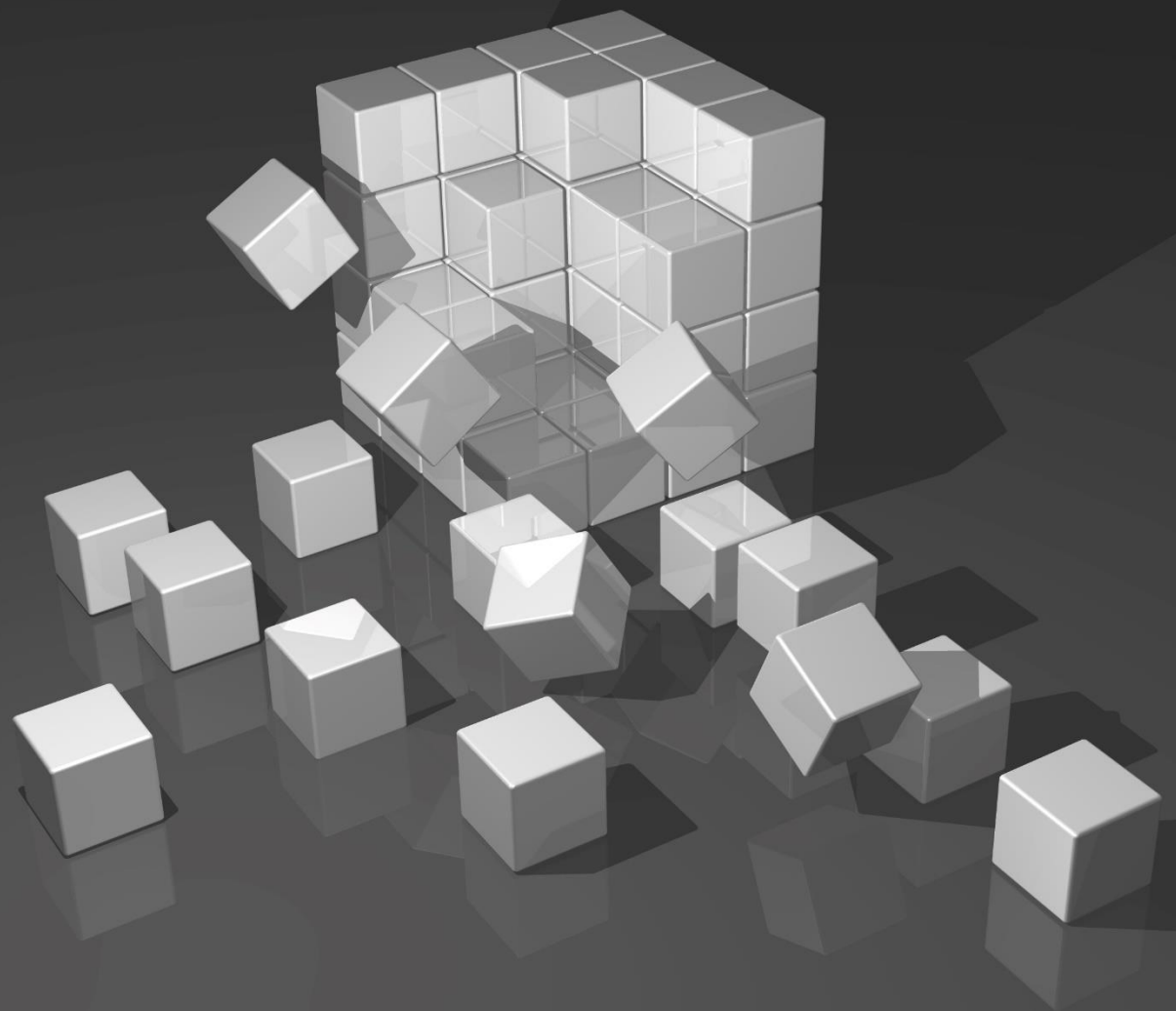
REPORTING SERVICES

- Dataset Usage Reports
- Delete Dataset Cache Files
- (Smart Diff)



WORKS ON ANALYSIS SERVICES – ALL FLAVORS

- Sync Descriptions
- Roles Report
- (Smart Diff)
- Unused Columns Report
- Printer-Friendly Dimension Usage



ANALYSIS SERVICES MD - AGGREGATIONS

- **Aggregation Manager**
- Delete Unused Aggregations
- Deploy Aggregation Designs
- Printer-friendly Aggregations
- Similar Aggregations
- Test Aggregation Performance
- Update Estimated Counts
- **Validate Aggregations**



ANALYSIS SERVICES MD – DESIGN/DEPLOY

- Easier design/deploy
 - Calculation Helper
 - **Deploy MDX Script**
 - **Duplicate Role**
 - Parent-Child Dimension Naturalizer
 - **Visualize Attribute Lattice**
 - Show Extra Properties
 - Many-to-many Matrix Compression
 - Delete Unused Indexes
 - **Deploy Perspectives**



ANALYSIS SERVICES MD – DOCUMENT/DESIGN CHECK

- Documentation/Design Check
 - Column Usage Reports
 - Dimension Data Type Discrepancy Check
 - **Dimension Health Check**
 - Dimension Optimization Report
 - **Measure Group Health Check**
 - (Printer-Friendly Aggregations)
 - **Tri-State Perspectives**
 - (Non-Default Properties Report)
 - (Printer-Friendly Dimension Usage)
 - (Roles Report)



ANALYSIS SERVICES TABULAR

- Feature gap fillers
 - Tabular Actions Editor
 - Tabular Display Folders
 - Tabular Hidememberif
 - Tabular Translations Editor
- Behind the scenes
 - (Tabular Pre-build)
 - Tabular Annotations Workaround



SSIS – THE MEH

- Batch Property Update
- Design Warnings
- dtsConfig File Formatter
- Expression List
- Fix Relative Paths
- Non-Default Properties Report
- Sortable Package Properties Report
- SSIS Performance Visualization



SSIS – THE NIFTY

- Create Fixed Width Columns
- Deploy SSIS Packages
- Pipeline Component Performance Breakdown
- Reset GUIDs
- Smart Diff
- Sort Project Files



SSIS – THE HOLY COW!

- Expression and Configuration Highlighter
- Variables Window Extensions
- Biml Package Generator



HELPFUL LINKS

- BIDS Helper documentation: <http://bidshelper.codeplex.com/documentation?referringTitle=Home>
- Blog post – Quick Guide to BIDS Helper 1.4.3.0 for SSAS: <http://marktab.net/datamining/2010/08/12/quick-guide-to-bids-helper-1-4-3-0-for-ssas/>
- Blog post – BIDS Helper to the rescue (SSAS cubes): <http://nobrainerlab.com/2012/06/12/bids-helper-to-the-rescue/>
- Blog post – Attribute relationship example: <http://blog.oraylis.de/2008/10/attribute-relationship-example/>
- Blog post – BIDS Helper and how it helps me: <http://www.calumo.com/bids-helper-and-how-it-helps-me/>
- Stairway to BIML: <http://www.sqlservercentral.com/stairway/100550/>
- Blog post – <https://datasavvy.wordpress.com/2014/07/31/favorite-bids-helper-ssas-features/>

THE END

- Questions?

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