### Getting Started with Biml

Making more SSIS with fewer clicks

### Who am I?

- Bill Fellows
- · Database developer
- · 10 years SSIS
- Lazy
- BI Consultant





### Who are you?

- Developer
- Built some SSIS packages
- Frustrated with monotony
- · Worn out your mouse

### Why are you here?

- · Want to build packages faster
- Consistent approach
- Cost effective

Free - everybody loves free

### What is Biml?

- Business Intelligence Markup Language
- Domain Specific Language for describing business intelligence objects

### Why Biml?

- · Shorten development time
- · Metadata driven solutions
- Alternatives: .NET, EzAPI, BlxPress

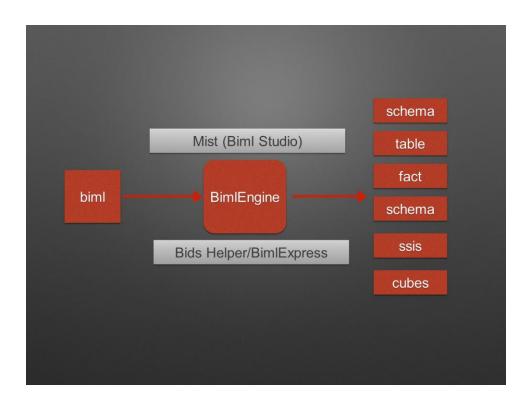


### **Pre-requisites**

- · Basic SSIS knowledge
  - Visual Studio/BIDS/SSDT 2005/2008/2010/2012/2014/2016
  - BIDS Helper or BimlExpress
- · or
  - · Mist or BimlOnline

### Hello World

### Demo Hello world



### **Basic Data Flow**

## Demo Data Flow

# Real World Biml Success Success PELC Stuff DET Load PICKUP Success FST Archive File Success Su

### **BimIScript**

- Biml + .NET Scripting
- Classic ASP for Biml
- Painful in Visual Studio, better with BimlExpress

## Beware Copy & Paste (before)

### **Beware Copy & Paste (after)**

### Includes

- <#@ include file="inc\_Connections.biml" #>

### **Useful bimIscript**

- GetTableSql
- ExternalDataAccess.GetDataTable
- CallBimlScript

Quick Reference: Biml Extensions <a href="http://bimlscript.com/Develop/Resources">http://bimlscript.com/Develop/Resources</a>

### Mist only

- Transformers
- · Reverse engineering
- Cubes
- · CI

### Resources

- BimlScript Resources <u>http://bimlscript.com/Develop/Resources</u>
- Biml Forum http://www.varigence.com/Forums?forumName=Biml
- StackExchange
   <a href="http://stackoverflow.com/questions/tagged/biml?sort=new-est-xnage-5/2">http://stackoverflow.com/questions/tagged/biml?sort=new-est-xnage-5/2</a>

### More biml resources

- Stairway to Biml http://www.sqlservercentral.com/articles/BIML/100552/
- http://www.sqlservercentral.com/articles/Stairway+Series/100585/
- Stairway to Biml http://www.sqlservercentral.com/stairway/100550/
- What is Biml? Level
   1 http://www.sqlservercentral.com/articles/BIML/100552/
- Biml Basics Level 2
   http://www.solsewercentral.com/articles/Stailway-Series/100566

https://datasavvy.wordpress.com/2 015/07/22/biml-for-a-type-1-slowlychanging-dimension/

| Scott Currie        | http://varigence.com/              | @scottcurrie   |
|---------------------|------------------------------------|----------------|
| Andy Leonard        | http://andyleonard.net/            | @andyleonard   |
| Tim Mitchell        | http://www.timmitchell.net/        | @tim_mitchell  |
| David Stein         | http://www.made2mentor.com/        | @made2mentor   |
| Marco Schreuder     | http://blog.in2bi.com/             | @in2bi         |
| Cathrine Wilhelmsen | http://www.cathrinewilhelmsen.net/ | @cathrinew     |
| Reeves Smith        | https://reevessmith.wordpress.com/ | @SQLReeves     |
| Peter Avenant       | http://bimlscript.com/             | @BimlDownunder |
| Meagan Longoria     | http://datasavvy.wordpress.com/    | @mmarie        |
| Ben Weissman        | https://www.solisyon.de/           | @bweissman     |

### Thank you!

### More Biml @ Introduction to Ensemble Modeling with Jeff Renz & Leslie Weed at 11:00

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and the second

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### KC SQL Sat September 24 2016

http://www.sqlsaturday.com/548/Event Home.aspx

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