# **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

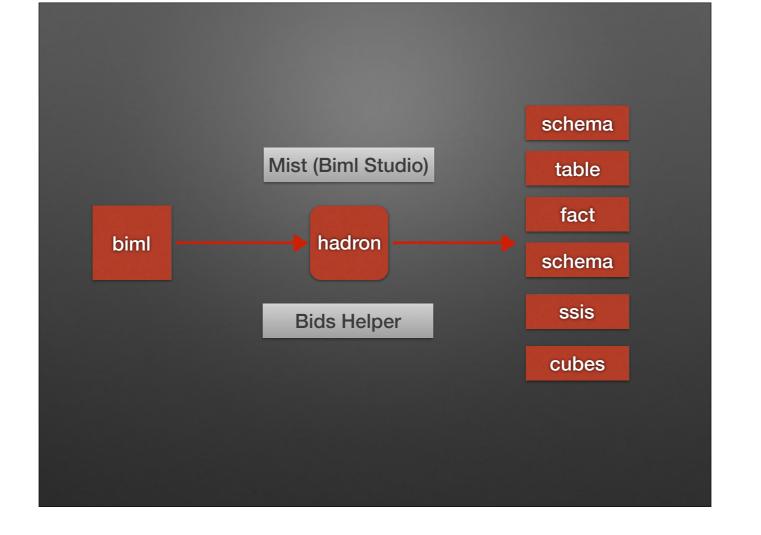


#### **Pre-requisites**

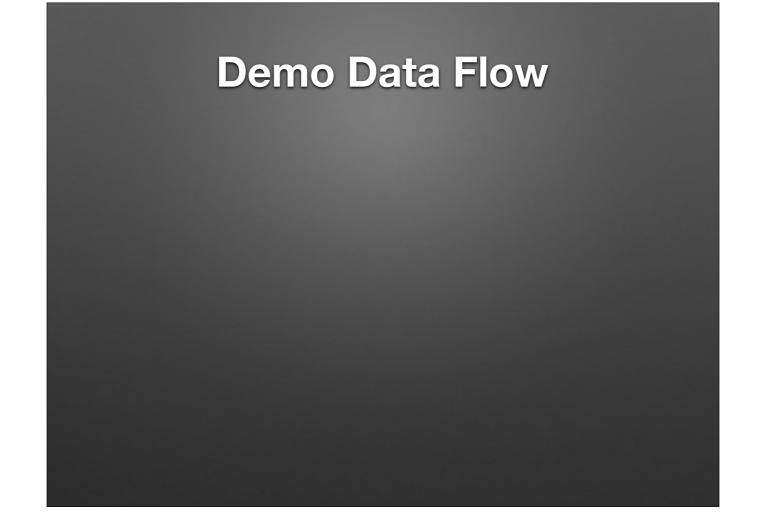
- Basic SSIS knowledge
  - Visual Studio/BIDS/SSDT 2005/2008/2010/2012/2014
  - BIDS Helper
- or
  - Mist

#### Hello World

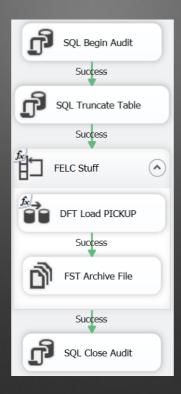


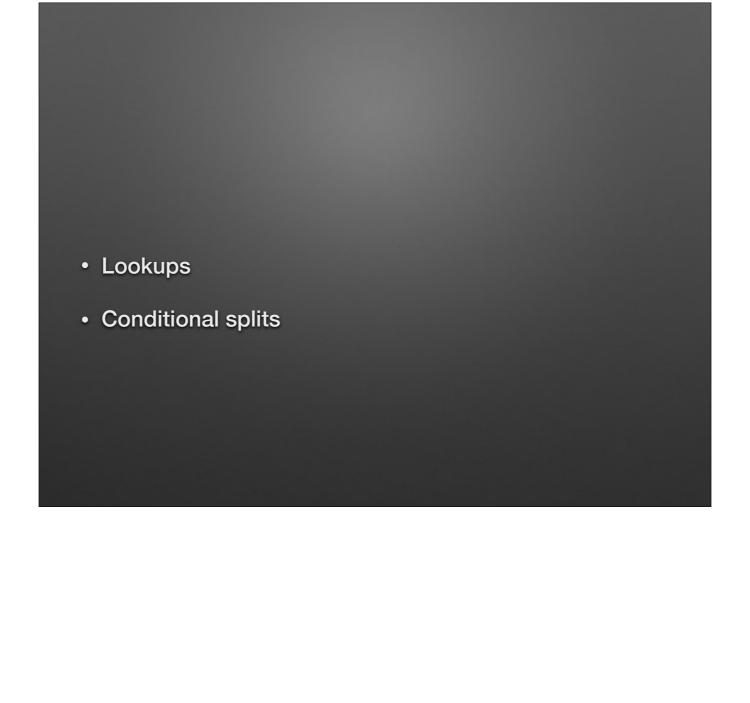


#### **Basic Data Flow**



## **Real World Biml**





## **BimlScript**

- Biml + .NET Scripting
- Classic ASP for Biml
- Painful in Visual Studio

# Beware Copy & Paste (before)

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

#### Includes

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

## **Useful bimlscript**

- 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 <a href="http://bimlscript.com/Develop/Resources">http://bimlscript.com/Develop/Resources</a>
- Biml Forum <a href="http://www.varigence.com/Forums?">http://www.varigence.com/Forums?</a>
  forumName=Biml
- StackExchange <a href="http://stackoverflow.com/questions/tagged/biml?sort=newest&pageSize=50">http://stackoverflow.com/questions/tagged/biml?sort=newest&pageSize=50</a>

#### More biml resources

- Stairway to Biml <a href="http://www.sqlservercentral.com/articles/BIML/100552/">http://www.sqlservercentral.com/articles/BIML/100552/</a>
- 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 <a href="http://www.sqlservercentral.com/articles/">http://www.sqlservercentral.com/articles/</a>
   Stairway+Series/100585/

https://datasavvy.wordpress.com/2015/07/22/biml-for-a-type-1-slowly-changing-dimension/

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#### Thank you!

#### Stick around for S.M.A.R.T Biml Standardize, Model, Automate, Reuse and Transform

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