

# **Introduction to SSIS SQL Server Integration Services**

Andrew Novick

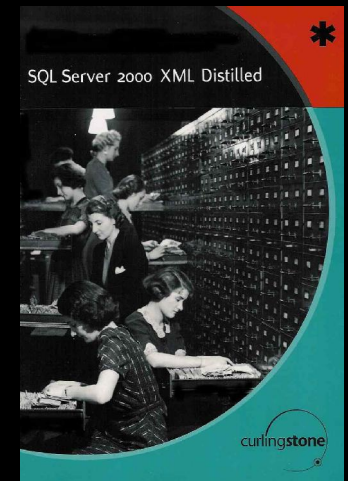
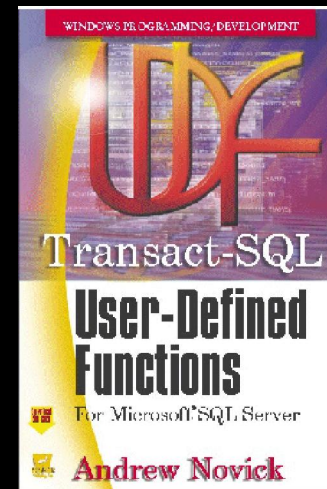
[www.NovickSoftware.com](http://www.NovickSoftware.com)

# Agenda

- What is SSIS
- Control Flow
- Data Flow
- Putting it together

# Introduction

- Andrew Novick – Novick Software, Inc.
- Business Application Consulting
  - SQL Server
  - .Net
- [www.NovickSoftware.com](http://www.NovickSoftware.com)
- Books:
  - Transact-SQL User-Defined Functions
  - SQL 2000 XML Distilled



# SSIS

- SQL Server Integration Service
- Replaces SQL Server 2000 DTS
- ETL Tool
- Competes with
  - Informatica
  - DataStage
  - Business Objects

# What is ETL

- Extract
- Transform
- Load

# Demonstration Project

Your mission, should you choose to accept it:

Load MIC codes from the ISO web site into the exchange table

# MIC Codes

- 3 or 4 characters to designate an exchange
- ISO Standard 10383
- Data available in an Excel Spreadsheet or PDF
- <http://www.iso15022.org/MIC/homepageMIC.htm>

# Demo 1 – SSMS Import Wizard

# BIDS

- Business Intelligence Development Studio
- Visual Studio 2005 or 2008
- Includes
  - Integration Services Designers
  - Reporting Services Designers
  - Analysis Services Designers

**Why bother with BIDS?**

# Why bother with BIDS?

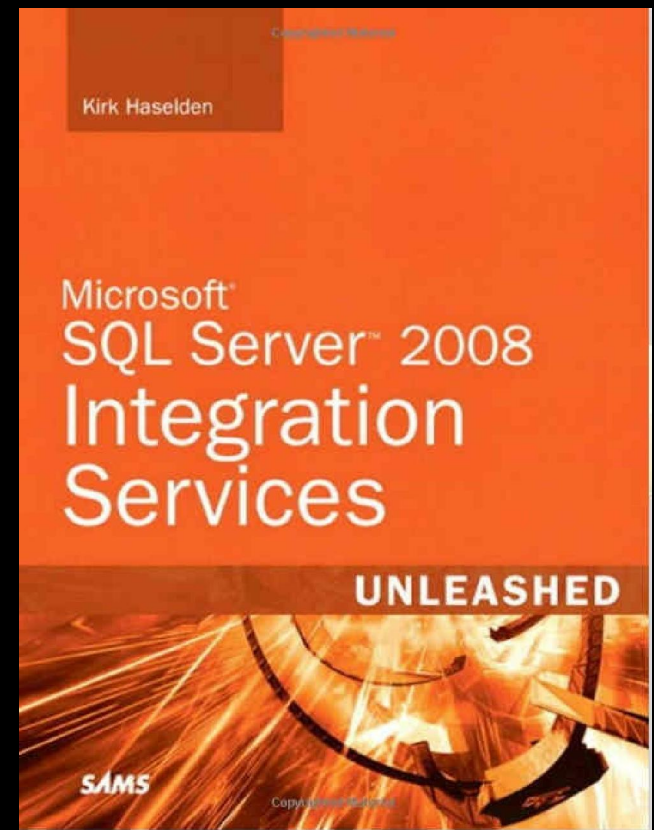
- The table that you want
- Movable between servers
- Configuration instead of hard coded file locations
- Smarter Code with Advanced Business Logic

# Demo 2 – Importing with BIDS

# Resources

- Kirk Haselden's Book

Microsoft SQL Server 2008  
Integration Services Unleashed



# Resources - Blogs

- SSIS Junkie
- Andy Leonard
- Phil Brammer

# New England Visual Basic Pro

- MPR C 6:15 PM to 8:30

# Thanks for Coming

Andrew Novick



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