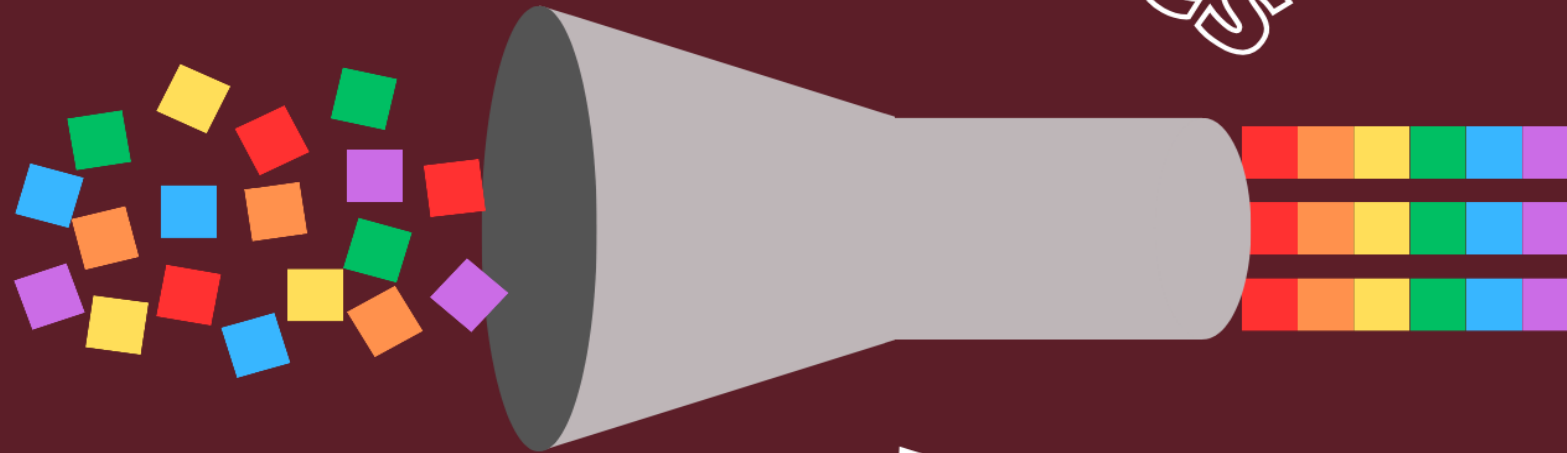Streamlining Import/Export Specs with Classes

Presented by Mike Wolfe of nolongerset.com

Who am I?

- MS Access / SQL Server developer since 2007 (16 years)

- Owner of Grandjean & Braverman, Inc. since 2016 (7 years)

- Top 15 all-time contributor to the [ms-access] tag at Stack Overflow

- Write daily articles on Access and VBA at **nolongerset.com**

- **Microsoft Access MVP** since November 2021

Outline

- Using the Import/Export Wizards
- Exploring the Related System Tables
- Updating a Spec via clsImExSpecs
- Key Features of clsImExSpecs
- When to Use Class Modules

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Using the Import Wizard

- Demonstration
  - Importing a Text File
  - Saving an Import Spec
  - Updating an Import Spec
  - Using the Saved Import Spec in VBA

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Using the Export Wizard

- [Demonstration](#)
  - Exporting a Text File
  - Saving an Export Spec
  - Updating an Export Spec
  - Updating an Export Spec *as an Import Spec*
  - Using the Saved Export Spec in VBA

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Exploring the Related System Tables

- MSysIMEXSpecs (parent table)

- MSysIMEXColumns (child table)

- Fully documented at:
  https://nolongerset.com/imex-spec-tables/

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Updating a Spec via clsImExSpecs

- Demonstration
  - [Make the Right Way Easy](): `.GenerateCode`
  - Make the Configuration [Idempotent]()
  - Document Options with Enumerations

Key Features of clsImExSpecs

- [Code Pages](#)
- Convert Enums to String for Code Gen
- Default Settings Hidden to Boost Signal
- PurgeUnusedColumns

When to Use Classes

- Preserve State Between Calls
- Related Variables Among Routines
- Many Instances of a Thing (ORM)
- [Dot-Driven Programming](#)
- [WithEvents Generic Event Handling](#)

Questions?

Links and Resources:

nolongerset.com/imex/