

# The Beginner's Guide to LP5

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# Who am I?

- Founder of MightyData
- Co-producer of Lasso Summit
- Building Web applications for 5 years
- Teaching Lasso for 5 years
- Author for ISO FileMaker Magazine and FileMaker Advisor
- Developer of SEIRS - Vertical market solution for special education
- LPA Associate

# What is this presentation?

- Fundamental LDML concepts
- For Web designer with minimal database experience
- For FileMaker developer with CDML experience
- Six demos of progressive complexity
- For Lasso 5/6

# Demo 1 - Basic Search

- Database of LPA members
- Form attributes
- Passing form parameters
- Writing [Inline]

# Demo 1 - Form Attributes

- ACTION attribute is the response page
- .lasso suffix of ACTION attribute tells Lasso to process response page
- METHOD attribute of the FORM tag is Post
- Post tells browser to submit form parameters as part of HTTP header (Example)

# Demo 1 - Passing Form Parameters

- Form parameter is HTML input
- Recall all form parameters (and LDML tags) with [Action\_Params] (Example)
- Pass form parameter as URL (Example)
- Recall specify form parameter with [Action\_Param]

# Demo 1 - Writing Inline

- [Inline] is essential Lasso tag
- Inline Lasso is more flexible and secure than Classic Lasso (Example)
- Inline requires -Database, -Table and Action
- Place [Action\_Params] at beginning of [Inline]

# Demo 2 - Named Inline

- Include file is separate text file with segment of HTML/LDML
- Move [Inline] to [Include]
- Separate form from function
- Modularize and optimize code
- Use -InlineName parameter in [Inline] and [Records]



# Demo 3 - Conditional Logic

- [Var] creates a page variable
- Variable can store any data type
- [If] tests whether condition is true or false
- [Else] tests whether condition is true or false
- [Else] returns default (false) result

# Demo 4 - Update Routine

- Identify primary key field (-KeyField) and primary key value (-KeyValue)
- Use random (non-sequential) value
- Update record 1st, search for record 2nd

# Demo 4 - Update Form

- Pass key value with hidden input tag
- Submit button is a form parameter
- NAME attribute is Update
- VALUE attribute is Update

# Demo 5 - Add Routine

- [Lasso\_UniqueID] creates random, non-sequential value
- Add record 1st, search for record 2nd
- Submit button is a form parameter
- NAME attribute is Add
- VALUE attribute is Add
- Empty web\_id AND empty “Add” parameter, then display add form

# Demo 6 - Date Formats

- Lasso date format mm/dd/yyyy
- MySQL data format yyyy-mm-dd
- To submit values to database, convert from Lasso to MySQL
- [Date\_Format] converts a date in Lasso format to specified format
- [Date\_Format: *date*, -  
DateFormat='%Y-%m-%d']

# Demo 6 - Date Formats

- To display values from database, convert from MySQL to Lasso
- [Date] converts a date in specified format to Lasso format
- [Date: *date*, -DateFormat='%Y-%m-%d']
- Specify individual form parameters for update or add inline for date conversion

# Learning Resources

- Lasso Docs - Setup Guide, Language Guide, Tutorial
- Blue World Web Site - Support Central, LDML Reference, Lasso Talk Archives
- Third Party Sites - CorralMethod.org, Framework, LassoScripts.com
- Book - Lasso Professional 5 Developer's Guide

# Question & Answer

**Thank You!**