

# Baking Cakes with PHP

Central Florida PHP

# Baking Cakes with PHP

- What Cake is and Why You Need It
- Ingredients
  - A Couple of Models
  - A Bunch of Views
  - A Controller or Two
  - A Pinch of ActiveRecord

What Cake Is  
and  
Why You Need It

# Cake is...

- A platform for *rapid* development
- MVC + AR
- Application Scaffolding
- Compatible with PHP4 and PHP5

MVC + AR = CakePHP

# Model, View, Controller

- *A design pattern* for three tiers of data-driven applications
  - Models represent data
  - Views represent the UI
  - Controllers handle logic

# Models

- Represent data used within an application
- Establish entity relationships
  - hasOne, hasMany, belongsTo, hasManyAndBelongsTo
- Provide validation rules

# Views

- Represent a page template
- Are directly associated with a controller's *action*
- Usually are XHTML pages in a site, however may serve any content:
  - RSS Feeds, Email Messages, etc...

# Controllers

- Manage logic for a section of an app
- Act as a liaison between models and views
- Use *actions* to trigger functionality in an app
  - index, view, add, edit, delete, etc...

# ActiveRecord

- Another *design pattern* specifically reading and writing to a database
- Represents a single record
- Adds additional functionality to models for saving and destroying a record
- Eliminates manual SQL completely

Example anyone?