



Today's session will be recorded and available 24/7 on <http://tv.telerik.com>



# What's New in Q2 2013 in Telerik Reporting and OpenAccess ORM



# Roadmap for Today

- Introductions
- What's New in Telerik Reporting
  - Graph Item Interactivity
  - Start/Sweep Angle for Polar Graphs
  - .Net 4.0
  - Demos
- What's New in OpenAccess ORM
  - Complete Schema Migration
  - Bulk Operations
  - New Code Generation Options





# Introduction



## Carey Payette

Network+, I-Net+

Developer Evangelist, Telerik

Email: [carey.payette@telerik.com](mailto:carey.payette@telerik.com)

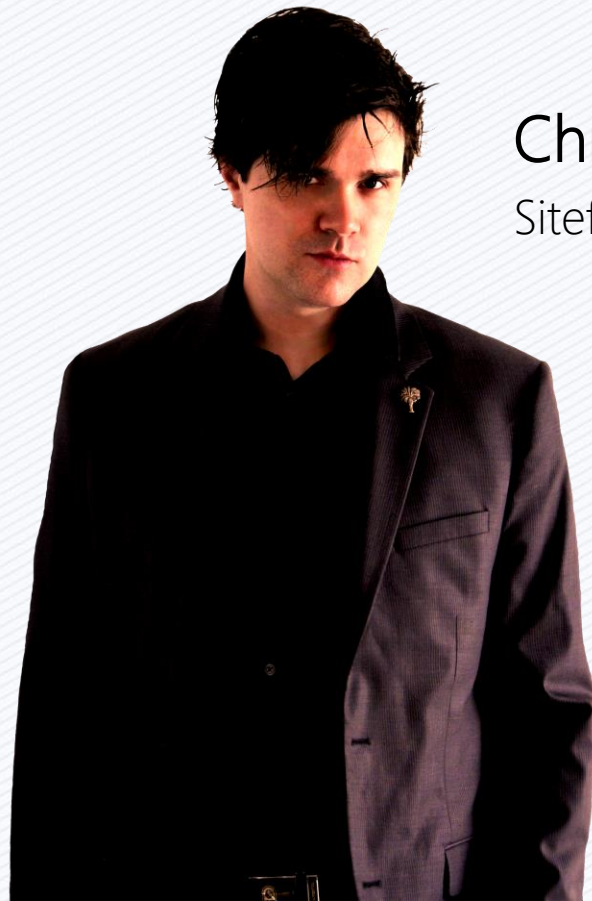
Twitter: [@careypayette](https://twitter.com/careypayette)

Blog: <http://www.codingbandit.com>

Blog: <http://blogs.telerik.com/careypayette>



# Introduction



Chris Eargle

Sitefinity Technology Evangelist

Email: [chris.eargle@telerik.com](mailto:chris.eargle@telerik.com)

Blog: [www.sitefinity.com/blogs/chriseargle](http://www.sitefinity.com/blogs/chriseargle)

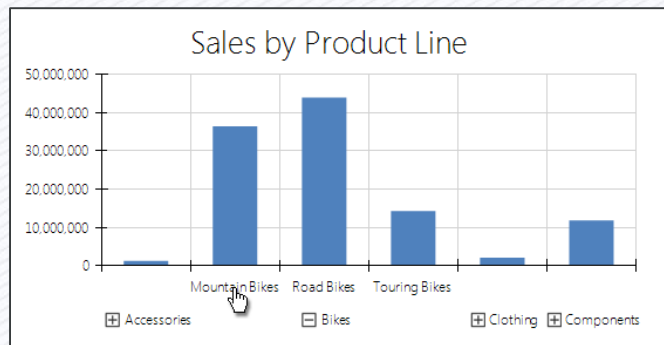
C# MVP, MCPD, etc.





# What's New in Telerik Reporting

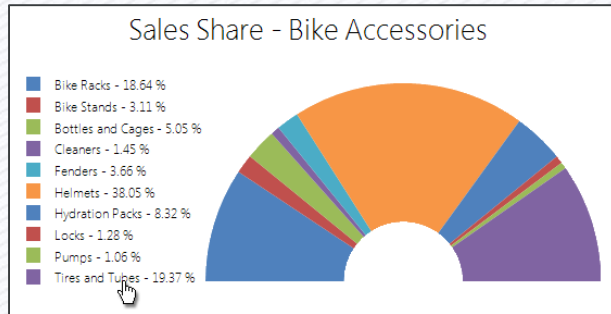
# Graph Item Interactivity



- Add actions to grouped dimensions
  - Expand/collapse categories
  - Open a subreport
  - Toggle visibility of a report item
  - Link to a web page
  - Jump to another report section
- Same experience as adding actions to a crosstab



# Start/Sweep Angle in Polar Graphs



- Two new properties that give you more control over how your graph is rendered
  - `AngularAxisStartAngle`
  - `AngularAxisSweepAngle`
- Available in all graph types that use the Polar coordinate system

# .Net 4.0



- Telerik Reporting is now built on .Net 4.0
- More .Net framework features for you
- Support for .Net 2 and .Net 3 Reporting projects available through June 2014





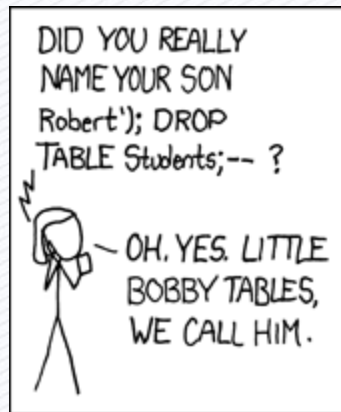
# Reporting Demos



# OpenAccess ORM



# Complete Schema Migration



[xkcd.com/327](http://xkcd.com/327)

## Improved Update Database from Model

# Bulk Operations



```
context.GetAll<Car>()
    .Where(c => c.CarYear < 2000)
    .UpdateAll(u =>
u.Set(c => c.Category, c => tooOldCategory)
    .Set(c => c.Available, c => false)
    .Set(c => c.TagNumber, c => c.TagNumber +
" Old Reg"));
```

Update & Delete many entities  
with a LINQ-style Context API

Retrieval - **not necessary**  
SQL - **not necessary**

*Only* with OpenAccess ORM



# New Code Generation Options



Newly refactored T4 templates for  
**flexible model generation**

Mix and match: `DataAnnotation Attributes`  
`INotifyPropertyChanged`  
`INotifyPropertyChanging`  
`IDataErrorInfo`

Additional templates available online



# OpenAccess ORM Demos



# Resources



- Telerik
  - <http://www.telerik.com/>
- Documentation / Demos / Forums, etc.
  - <http://www.telerik.com/reporting>
- OpenAccess ORM (Free Product)
  - <http://www.telerik.com/orm>

# The DevCraft Collection



- Packed with 11 great products, including:
  - Telerik Reporting
  - OpenAccess ORM
- DevCraft costs less than buying two paid products individually





# Delivering More Than Expected

# Q & A



Download Telerik Reporting at

<http://www.telerik.com/reporting>

Download Telerik OpenAccess ORM at

<http://www.telerik.com/orm>

Submit Product Feedback at

<http://www.telerik.com/feedback>

Email	Twitter
Carey.Payette@telerik.com	@careypayette
Chris.Eargle@telerik.com	@kodefuguru