What’s New / 2011.1 Data Visualization

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Agenda

1 / 2011.1 Packaging
2 / Core Investments
3 / Shared XAML Strategy
4 / New Controls, Features & Frameworks
5 / Resources & Wrap Up
Packaging
a new way to buy / 9 awesome products / endless opportunities
2011 Packaging

All NetAdvantage for .NET products:
NetAdvantage for WPF
NetAdvantage for ASP.NET
NetAdvantage for Silverlight
NetAdvantage for Windows Forms

+ 2 Data Visualization Products
NetAdvantage for WPF Data Visualization
NetAdvantage for Silverlight Data Visualization

+ 3 New Products
NetAdvantage for jQuery
NetAdvantage for Windows Phone (CTP)
NetAdvantage Reporting (CTP)
Core Investments

**RIA Technologies & Desktop Development**
- LOB Components for Microsoft Platforms
- Depth and Breadth on the XAML Platforms (Silverlight/WPF)
- Single code base for SAML components
- Performance, Ease of Use, Styling Quality.

**UX Tools & Services**
- Quince Pro - A private, secure and organized way to collaborate, communicate and cultivate private UX design libraries to ensure consistent user experiences across your team, department and company.
- Usability, User experiences are key differentiations driving business decisions.
- Customer satisfaction and branding are on par with product features that drive productivity.

**Data Visualization**
- XAML Platforms
- Dashboards & Reporting
- Performance, Ease of Use, Styling Quality
- Help businesses make better decisions

**TestAdvantage**
- Enterprise level testing capabilities
- Higher quality product through test automation
- Reduce the need for cost of manual testing
- Increase productivity with the time savings as the testing stage finishes faster

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**asp NETADVANTAGE for ASP.NET**
**wpf NETADVANTAGE for WPF**
**win NETADVANTAGE for WINDOWS FORMS**
**wp NETADVANTAGE for WINDOWS PHONE**
**icon NETADVANTAGE ICONS**
**jc NETADVANTAGE for JQUERY**
**sl NETADVANTAGE for SILVERLIGHT**

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**cs SERVICES CONSULTING**
**ts SERVICES TRAINING**
**rpt NETADVANTAGE REPORTING**
**quince pro DESIGN LIBRARIES**
**quince PATTERNS BROWSER**

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**dv NETADVANTAGE for SILVERLIGHT DATA VISUALIZATION**
**dv NETADVANTAGE for WPF DATA VISUALIZATION**

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**ta TESTADVANTAGE for WINDOWS FORMS for HP QuickTest Professional software**
**ta TESTADVANTAGE for WINDOWS FORMS for IBM Rational Functional Tester**
New Samples Browser

New Online and Installed Experience

Easier to Copy Code Snippets

Better Organization of Samples
Cross Platform

stylability / ease of use / performance excellence
Styles & Stylability

2011.1
New IG Theme across all controls on all platforms

XAML
Windows Forms
ASP.NET
jQuery
New IG Theme across all controls on all platforms
Continued Performance Leadership

Market leading performance in data grid, data chart, and new controls in binding, rendering, scrolling, and virtualization in:

- Silverlight
- WPF
- ASP.NET
- jQuery

More than 1 million data points render in less than 3 milliseconds in XAML Charting

Organizational Chart loads in more than 50,000 nodes in milliseconds.

High capacity load on demand XAML Tree View

jQuery Competitors 200% to 400% slower in sorting, filtering, loading, data binding in data grid.
XAML Data Visualization

shared strategy / controls / ctp's / motion framework
Shared XAML Strategy

- New controls in WPF and Silverlight
- IG Theme across all controls
- Pivot Grid Enhancements
- Data Chart Enhancements

Consistent API & XAML across new and existing Silverlight and WPF controls.
Org Chart

New Control

Make Sense of Organizations Visually

Create high performance, stylable organization charts that represent company, department, workgroup or other hierarchical structures

- High Performance Data Binding to over 50,000 entities
- Expand and Collapse Children
- Staggered or Orthogonal Layouts
- Highlight the Connections Between Employees
- Line Cap and Line Styling
- Custom Expansion Indicator
- Change the Levels of the Displayed Hierarchy with MaxDepth
Network Node Map

New Control

- Visualize relationships within a network - from biological systems, server infrastructures, email communication patterns, to complex social or professional networks.

- Load Graph Modeling Language (GML) Files
- Multiple Data Models
- Interactively Drag to Rearrange Nodes
- Retain the current selection during Multiple or Extended selection modes, Conditional Formatting Support
- Customize Node Templates
Data Chart

New Chart types

New Chart formulas

Maintaining market leading performance

- Pie Chart
- New Chart Types
  - Bubble chart
  - Polar Scatter Series chart
  - Polar Spline Area Series
  - Radial Area Series
  - Radial Column Series
  - Radial Line Series
  - Radial Pie Series
  - Radial Series

- Formulas
  - Mean
  - Median
  - Variance
  - Logarithmic Time Scale
Data Chart CTP’s

- Error Bars (CTP)
- New Chart Types
  - Bar chart (CTP)
  - Funnel (CTP)
  - Stacked 100 Bar (CTP)
  - Stacked 100 Column (CTP)
  - Stacked Bar (CTP)
  - Stacked Column (CTP)
- Formulas
  - Weighted Moving Average (CTP)
  - Correlation (CTP)

Continued Investment
OLAP Pivot Grid

- XMLA Oracle Data Provider
- Null Data support
- Live Data Updates
- Cell Editing
- Decoupling Dimension from Data Source
- Row and Column Hiding
- Display Valid Dimension Combinations in Column
- End User Dynamically Set Aggregate
- Sort Column Fields
- Expand / Collapse Group when +/- Clicked
- Specify Visibility of Measure / Dimension
- Removal of Row Field Sorting

Work with data (MDX) from your cubes, data warehouses from XMLA SAP and Oracle, or Microsoft® SQL Server® Analysis Services.

Feature Focus on Performance and End-User Properties

Large Amounts of Customer Feedback to Improve the OLAP Pivot Grid
Additional Features

Continued Investment in New Controls

Continued Investment in Existing Controls

- Infragistics Math Library
- UI Automation
- Drag & Drop Framework
- Barcode Reader
- Barcode Transform ECI Numbers to QR Code
- RadialGaugeRange to FrameworkElement
- WebChart Date Label Group
- WebChart Shift Left and Right Axis
- Needle Scale Inside Scale of Linear Gauge
- Localization
  - Spanish
  - French
Motion Framework

Animate the story of your data over time

Full documentation in 11.1

Use in Data Chart and Map

Reference Applications:
- World Stats(with full source code)
- World Maps
Demo

new controls / new features / ctp features
2011.1 In Review

1 / Continued investment in existing products – major new controls like Org Chart, Network Node Map, Barcode Reader

2 / Styling even simpler with the new IG Theme

3 / Emphasis continues in the User Experience of 3 key areas (Ease of use, Performance, Styling)
Resources

- http://www.infragistics.com
- http://community.infragistics.com
- http://samples.infragistics.com
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Thank You!!