



December 1<sup>st</sup>, 2012

# What's new and different in SharePoint 2013?

Noorez Khamis  
StoneShare  
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SHAREPOINT **SATURDAY**  
■■■■■ ■■■■  
OTTAWA



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# Speaker Bio

- Noorez Khamis aka "Rez"
  - SharePoint Architect
  - Microsoft MVP



twitter: @nkhamis    blog: Rez's SharePoint Blog Spot - <http://www.khamis.net>

- About me:
  - Director at StoneShare
  - 13+ years in managing, leading, designing and implementing SharePoint business solutions across a wide variety of verticals
  - Involved in hundreds of projects spanning entire SharePoint spectrum including enterprise scale document and records management systems
  - Active blogger and involved in GTA SharePoint community
  - MBA, MCTS, MCDBA, MCSD, MVP

# Agenda

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- Discontinued and Modified Functionality
  - User Interface Changes
  - Architecture Changes
  - Social Networking Changes
  - Document Library and List Changes
  - Web Content Authoring Changes
  - Web Content Management Changes
  - Site Customization Changes
  - Enterprise Content Management Changes
  - Business Intelligence Changes
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Discontinued features and modified functionality in

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SharePoint 2013

# What's discontinued and modified?

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- Document/Meeting Workspace/Group Work/Personalization Site Templates

Reason: Use Team Sites, Lync, OneNote and My Site instead

- Organization Profiles

Reason: SharePoint revolves around users and groups

- Inserting Barcodes and Labels from Office

Reason: Adoption and not meeting RM expectations

- PowerPoint Broadcast from SharePoint

Reason: Use Lync instead

- Web Analytics

Reason: Performance and use new search analytics instead



# What's discontinued and modified? cont'd

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- **RSS feed of Search Results**  
Reason: Use search alerts and SharePoint RSS instead
- **Custom Help**  
Reason: Use Wikis instead
- **Visio Pivot Diagrams based on a SharePoint Task list**  
Reason: Assigned to field now Visio unsupported multi-value field
- **Visual Upgrade**  
Reason: Use deferred site collection upgrade instead
- **Chart Web Part and Status Indicators**  
Reason: Use Excel Services instead

# What's discontinued and modified? cont'd

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- SharePoint Designer “Design View”
  - Impacts:
    - Creating full-featured Data view Web Parts (DVWPs)
    - No more Data form web parts to connect to lists, libraries, databases or web services
    - Workflow Initiation/association forms can't be modified
    - Simple page formatting changes won't be possible
    - Unable to Preview your changes
    - Custom filtering using XSLT
    - Drop web parts easily into web part zones
    - Master page and page view editing
    - Only code view in Wiki Pages, Site Pages, List View pages, Web Part Pages
    - No conditional formatting, web part connections

Reason: No great reason here in my opinion! MS says:

- Design View is not up to date with IE
- Code View used more than Design View
- Design View can't support new HTML5 and CSS





User Interface Changes in

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SharePoint 2013

# SharePoint 2013 User Interface Changes

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DEMO

- Windows 8 Style Tiled Views (formally “Metro”)
  - Site Actions Menu now an Icon
  - Ability to Edit Global and Current Navigation on page
  - Ribbon Performance and Look and Feel Changes
  - Focus on Content View
  - On page Share, Follow and Edit Links
  - Improved Search Bar Visibility
  - Sync button using SkyDrive Pro
  - New “Getting started with your site” Tile Menu
  - “End user” focused error messages
  - No more “Sign in as a Different User”
-



Architectural Changes in

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SharePoint 2013

# Hardware Requirements

	Memory	Processor	Disk
Single Server Foundation (Integrated or Standalone Database)	8 GB	x64 1x4	80 GB (OS)
Single Server (Integrated or Standalone Database)	24 GB	x64 1x4	80 GB (OS)
*Development Environment/Evaluation			
Web / Application Servers	12 GB	x64 1x4	80 GB (OS)
*Pilot, Production, Servers in a Farm			

# Software Requirements

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Windows Server 2008 R2 Service Pack 1

Windows Server 2012

## Prerequisites

**Windows Management Framework 3.0**

Application Server Role

Web Server (IIS) Role

**Microsoft .NET Framework 4.5**

**Update for the .NET Framework 4 (KB2468871)**

Microsoft SQL Server 2008 Service Pack 1 Native Client

Windows Identity Foundation (KB974405)

Microsoft Sync Framework Runtime v1.0 (x64)

**Windows Server AppFabric**

Windows Identity Foundation v1.1

**Microsoft Information Protection and Control Client**

**Microsoft WCF Data Services**

64-bit edition of Microsoft SQL Server 2008 R2  
Service Pack 1

64-bit edition of SQL Server 2012

# Deployment Requirements

	SharePoint 2013	SharePoint 2010
Workgroup	Unsupported	Supported
Domain Controller	Developer Installation	Supported for SBS
Client OS	Unsupported	Developer Installation
Dynamic Memory in VMs	Unsupported	Unsupported
Windows Web Server	Unsupported	Supported



# Browser Support

Client Computer Browser Support	SP 2010	SP 2013
Internet Explorer 10 32-bit	Supported	Supported
Internet Explorer 10 64-bit	Supported with Limitations	Supported with Limitations
Internet Explorer 9 32-bit	Supported	Supported
Internet Explorer 9 64-bit	Supported with Limitations	Supported with Limitations
Internet Explorer 8 32-bit	Supported	Supported
Internet Explorer 8 64-bit	Supported with Limitations	Supported with Limitations
Internet Explorer 7 32-bit	Supported	Not supported
Internet Explorer 7 64-bit	Supported with Limitations	Not supported
Internet Explorer 6	Not supported	Not supported
Google Chrome (latest released version)	Supported with Limitations	Supported with Limitations
Mozilla Firefox (latest released version)	Supported with Limitations	Supported with Limitations
Apple Safari (latest released version)	Supported with Limitations	Supported with Limitations

Want a full list? Go to my blog post: <http://www.khamis.net/blog/Lists/Posts/Post.aspx?ID=92>

# Office Web Applications

# DEMO

- Separated into new server product just installed on a normal web server
- Provides services to:
  - One or more SharePoint Farms
  - Exchange Server
  - Lync
  - URL accessible File Servers
  - 3rd party document stores (I.e. Oracle UCM, EMC Documentum, etc...)
- Improved OWA URLs
  - SharePoint 2010
    - `http://sharepoint/sites/sp15ignite/_layouts/WordViewer.aspx?id=/sites/sp15ignite/Program%20Documents/Outline.docx&Source=http%3A%2F%2Fsharepoint%2Fsites%2Fsp15ignite%2FProgram%2520Documents%2FForms%2FAllItems%2Easpx%3FPaged%3DTRUE%26p5FSortBehavior3D0%26p5FFileLeafRef3Dfbb6fa52%252d91c8%252d42b3%252db7b4%252d26fc586e3e01%252eonbin%26p%5FID%3D777%26PageFirstRow%3D301%26%26View%3D%7B0B08DC31%2D658A%2D42CC%2D98CE%2D996BA18C5DD8%7D&DefaultItemOpen=1&DefaultItemOpen=1`
  - SharePoint 2013
    - `http://sharepoint/sites/sp15ignite/Program%20Documents/Outline.docx?Web=1`

# FAST now built into SharePoint Server 2013!

Office 365 Outlook Calendar People Newsfeed SkyDrive

contoso electronics

Everything People Conversations Videos

You've seen this result before  
[Contoso Electronics](#)

**Contoso Electronics**  
? Sales Shape Color Words Symbols Other 48 26 13 7 6 ... It's about the person, not the packaging ... Market BreakdownChart Title Games Video Audio Mobile 4.8 3.2 1.4 ...  
[pmg095.sharepoint.com/.../Contoso 2010 Market Segment Per...](#)

**Contoso Marketing Campaign Overview**  
[pmg095.sharepoint.com/.../Contoso Marketing Campaign Over&#8230;](#)

**Home**  
Together we strive for excellence every day ... Our goal is to provide great products and services to our customers ... Building long term relationships by listening to our customers and ...  
[pmg095.sharepoint.com/sites/contoso](#)

**“ Non-English Market ”**  
Posted by Alex Darrow October 30  
What presentations, documentation or guidance do we have in terms of selling in non-English-speaking markets?  
[pmg095.sharepoint.com/.../Non-English Marke...](#)

4 replies  
2 likes  
✓ best reply

Result type  
Discussion  
Excel  
Newsfeed post  
PowerPoint  
Web page  
Word  
SHOW MORE

Author

Modified date  
One Year Ago Today  
All

Contoso Electronics 25 views

CONTOSO ELECTRONICS  
2010 MARKET SEGMENT PERFORMANCE

Take a look inside  
**Contoso Electronics**  
[Design considerations](#)  
[Fit the person—not the Box](#)  
[Analysis – market breakdown](#)

Changed by Sara Davis on 7/31/2012 6:05 AM

EDIT FOLLOW SEND VIEW LIBRARY

## Other Search Improvements:

- Continuous Crawling
- People and Expertise Search Enhancements
- Multi-lingual phonetic search (or people name variations)
- Better Search Navigation
- Search Centers, Search Results and Result Sources

# Developer Dashboard

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- Huge improvement to its predecessor for Developer and Administrator debugging
  - No longer a page control which only shows info about current request but now a separate window which shows you **ALL** requests since you started developer dashboard session!
  - Has ULSViewer elements in it
  - See server info, SQL, Service Calls, ULS and SPRequests all from this view in a nice tabbed view
-

# Many other Architecture Improvements.....

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- Minimal Download Strategy
  - Request Management
  - Cache Service
  - Shredded Storage
  - Customizable System Status Notification Bar
  - Deferred Site Collection Upgrades
  - Site Collection Health Checks
  - Evaluation Site Collections
  - User Profile Service AD Import
  - Cloud-based translation services using Machine Translation Service
  - Task aggregation across SharePoint, Exchange, Lync and Project Server
  - New Analytics Platform based on Search
-

# Many other Architecture Improvements.....

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- Sharing and Following Model
  - Workflows
    - Redesigned workflow architecture (WW4)
    - More complex logic and loops in SharePoint Designer 2013
    - Multiple Designers (Text based SPD and Visual based Visio)
    - Improved workflow email editor
    - New workflow actions
-



# Development Environment for your Apps

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- On Premises Physical or Virtual Server(s)
  - Be aware of the new [hardware and software requirements](#) for SharePoint 2013!
  - Ensure you have at least 10GB RAM or you will get Memory related errors!
  - Not allowed on Windows 7 (or 8) anymore, need Windows Server 2008 R2 SP1 or Windows Server 2012
- Cloud based
  - [CloudShare](#)
  - [Amazon Web Services EC2](#)
  - [Windows Azure Virtual Machines](#)
- Office 365 Preview
  - [Office 365 with SharePoint 2013 Preview](#)
  - [SharePoint 2013 Developer Site](#)



**Fastest and easiest way to get started!**



Document Libraries and Lists in

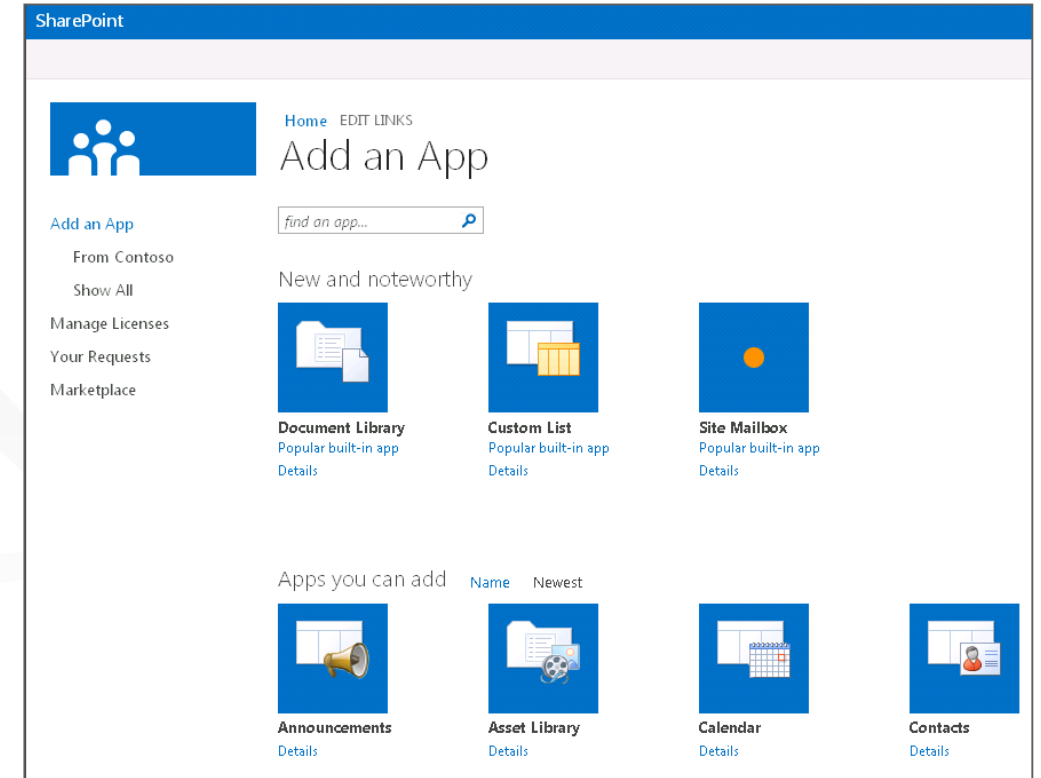
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SharePoint 2013

# Now - Everything is an App!

# DEMO

- Lists
- Libraries
- Templates
- Calendars
- Tasks
- Issues
- Custom Components



# Callout feature

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- New callout feature in place of the Edit Control Block menu
  - Nice preview of the document you are interested in
  - Extra information such as ability to open, share and take some extra actions.
  - Extended capabilities of Callout feature in search
  - Get ability to embed previews into your discussions and such
  - This was created to support the new mobile and tablet world
-

- SkyDrive Pro is like SharePoint 2010 Workspace but not necessarily a replacement.
- SkyDrive Pro can run in parallel with the consumer version of SkyDrive and can give you access to your SharePoint related documents when you're offline and automatically sync updates to the SharePoint server when you go back online.
- Big difference is the that it will have the 'Pro' features of SharePoint such as social networking, collaboration, search, metadata, workflow and compliance.

# Drag and Drop

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DEMO

- Using Windows Explorer, you can now drag and drop documents into SharePoint directly
  - Works across modern browsers!
-



# Bulk Editing Items and Column Quick Edit

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DEMO

- You can now edit list items on the list itself instead of being forced to go to a list item edit page.
  - One click mechanism that lets you edit the list item like a row in Excel.
  - Easily add new list columns to a list using the new Quick Edit capability
-



Social Networking in

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SharePoint 2013

# Newsfeeds and Microblogging

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- My Site has been reorganized into three distinct hubs: Newsfeed, SkyDrive, and Sites
  - Personal and public newsfeeds, where you can start conversations, see activities such as document, tagging, person or site activities
  - Integration with Microblogging which allows anyone the ability to post to a private or public newsfeed where everyone (or people you identify) can view, "like", and respond to posts
-

# Document and Site Sharing

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- Easily share your site and documents with your colleagues
  - New “Share” focus in SharePoint 2013
  - “SkyDrive Pro” where you can store personal or shared documents, collaborate on documents with your colleagues and follow documents of interest
  - New SharePoint folder that is synced with your SharePoint server on your desktop where it syncs SkyDrive pro and site document libraries
  - Can easily Share your SkyDrive Pro documents from your desktop
-

# Central Sites and Tasks Pages

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- A place to keep track of all of your owned sites and sites you would like to follow across your SharePoint environment.
  - A place where you can centrally keep track of all of your active, completed, or overdue tasks in all of your SharePoint sites. If you are integrated with Exchange, you can see all of your Outlook tasks here as well!
-



Web Content Authoring in

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SharePoint 2013



# Retained Pasted Text Formatting

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- All Page Editor Web Parts, Content Editor Web Parts, and HTML field controls can now retain all pasted text formatting when copying content from Microsoft Word

## Easy Menu Customization

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- Drag and Drop and On Page Customization of Current and Global Navigation Menus
  - Customize global and current navigation menus by dragging menu items directly from page and edit the links on the page instead of going to a navigation settings page
-

# New Video Content Type

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- New video content type adds simplified upload process
  - Includes thumbnail previews
  - Allow you to pick a frame from within the video to use as the thumbnail preview image
  - Can embed from online sources like YouTube.
  - Video renditions is new capability where you can have renditions of videos spanning different resolutions, encoding formats, and modified video content and SharePoint can manage which encoding is played depending on browser and device.
-



Web Content Management in

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SharePoint 2013

# Cross Search Publishing and Product Catalogs

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- Allows you to store and maintain content in various internal or authoring site collections and display it in your publishing or other site collections (i.e. your anonymous web site).
  - All changes are displayed in your target site collection via search technology in conjunction with the Content By Search Web Part (next section) to retrieve content from source site collection.
  - There is a Cross-Site Collection Publishing feature that needs to be enabled and libraries and lists have to be enabled as catalogs before the content can be reused in other site collections.
  - There is also a new Product Catalog Site Collection which is designed to author, store and maintain data that is used in a catalog scenario.
-

# Content By Search Web Part

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- Instead of being tied to a site collection using the Content By Query Web Part, there is a new very powerful Content By Search Web Part that you leverages search and the index to perform customized searches based on various settings and refiners.
  - This Content By Search Web Part can span across site collections and web applications and is not tied to one site collection.
  - Furthermore, the view that is rendered is totally customizable.
-

# New Community and Project Site Template

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DEMO

- Community Sites expand on discussion boards by enabling site members a more formal area to share, discuss, learn, categorize and reward in an easy and interactive fashion.
  - Project sites are a new collaboration site template where teams can to access, share relevant data, documents, and communication. The new Project Site has a Visual timeline of the project's tasks and can be connected to Exchange to centrally manage Email on the site.
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New App Model in

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SharePoint 2013



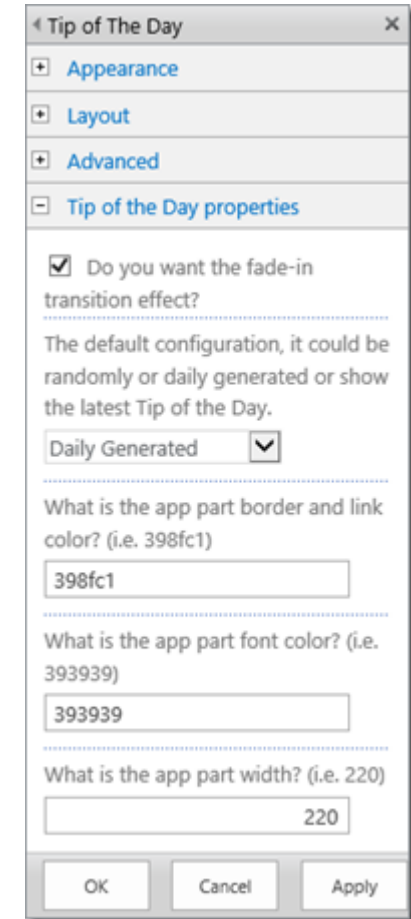
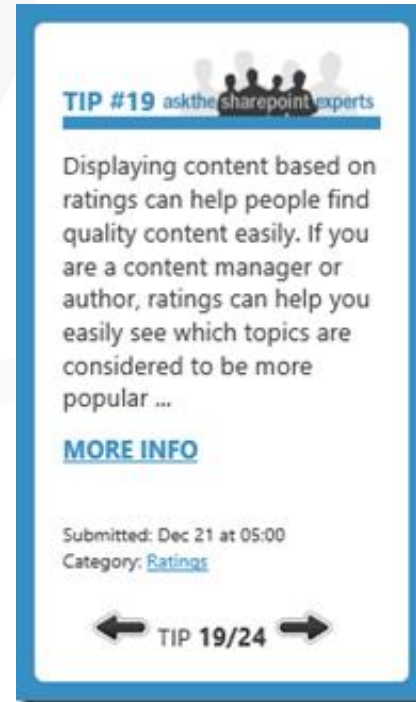
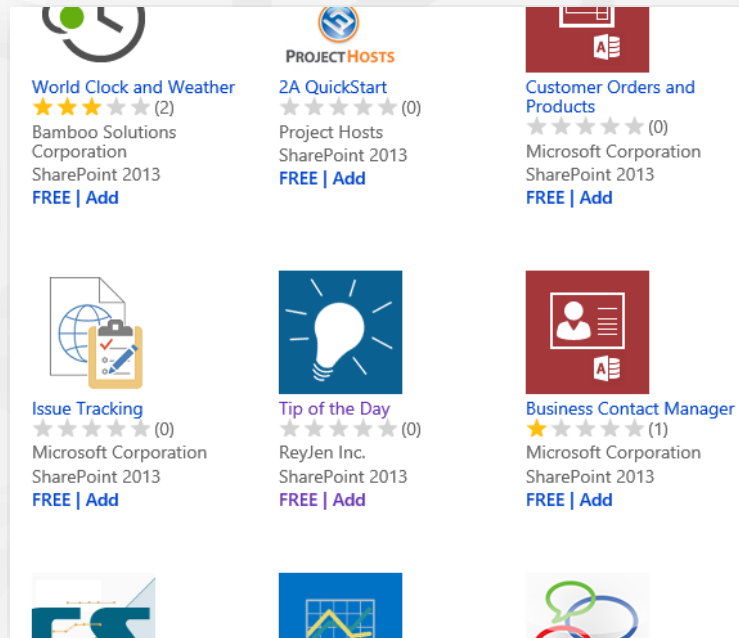
# Introducing Apps for SharePoint 2013

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- SharePoint Server 2013 includes support for the development, installation, management, and use of apps.
  - An app is a small-scale, stand-alone program that solves a specific end-user need.
  - End users can discover and download apps from the SharePoint Store, or from their organization's Internal App Directory.
  - Refer to my [Slide Deck on Introduction to the new SharePoint 2013 App Model](#)
-

# AskTheSharePointExperts.com Tip of the Day App

- Now live on the SharePoint Store!
- <http://officepreview.microsoft.com/en-us/store/apps-for-sharepoint-FX102804987.aspx>





Site Customization in

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SharePoint 2013

# Design Manager

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- Enables a step-by-step approach for creating design assets that you can use to brand sites.
  - Upload design assets—images, HTML, CSS, and so on
  - Create your master pages and page layouts from your own HTML
  - You can preview how your design looks either in a client-side code editor or on the server as you are designing it
  - Edit your master page and page layouts from any HTML editor
-

# Theme Gallery

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DEMO

- New theming experience that guides you through a quick process to change the look of your site and make it unique.
  - Can choose among multiple options of color, font, site layout
  - Use your own background images and the tool will automatically center and water mark it
  - Can preview and try it out before accepting
-



Enterprise Content Management in

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SharePoint 2013

# Discovery, Content Preservation and Case Management

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- Discovery Center site template allows ability to conduct searches, place content on hold in cases of litigation, investigations, etc...
  - Gives ability to export content for offline use and Exchange integration
  - Discovery Download Manager add-on to export eDiscovery searches in offline review tool using industry standard formats and allow exports of docs, lists, pages, and Exchange objects such as tasks, contacts, and email messages
  - Using Discovery site template, content that is placed on hold can be preserved while still allowing users to modify it.
  - Even, if user modifies content or even deletes it, original, preserved version is still available.
-



Business Intelligence in

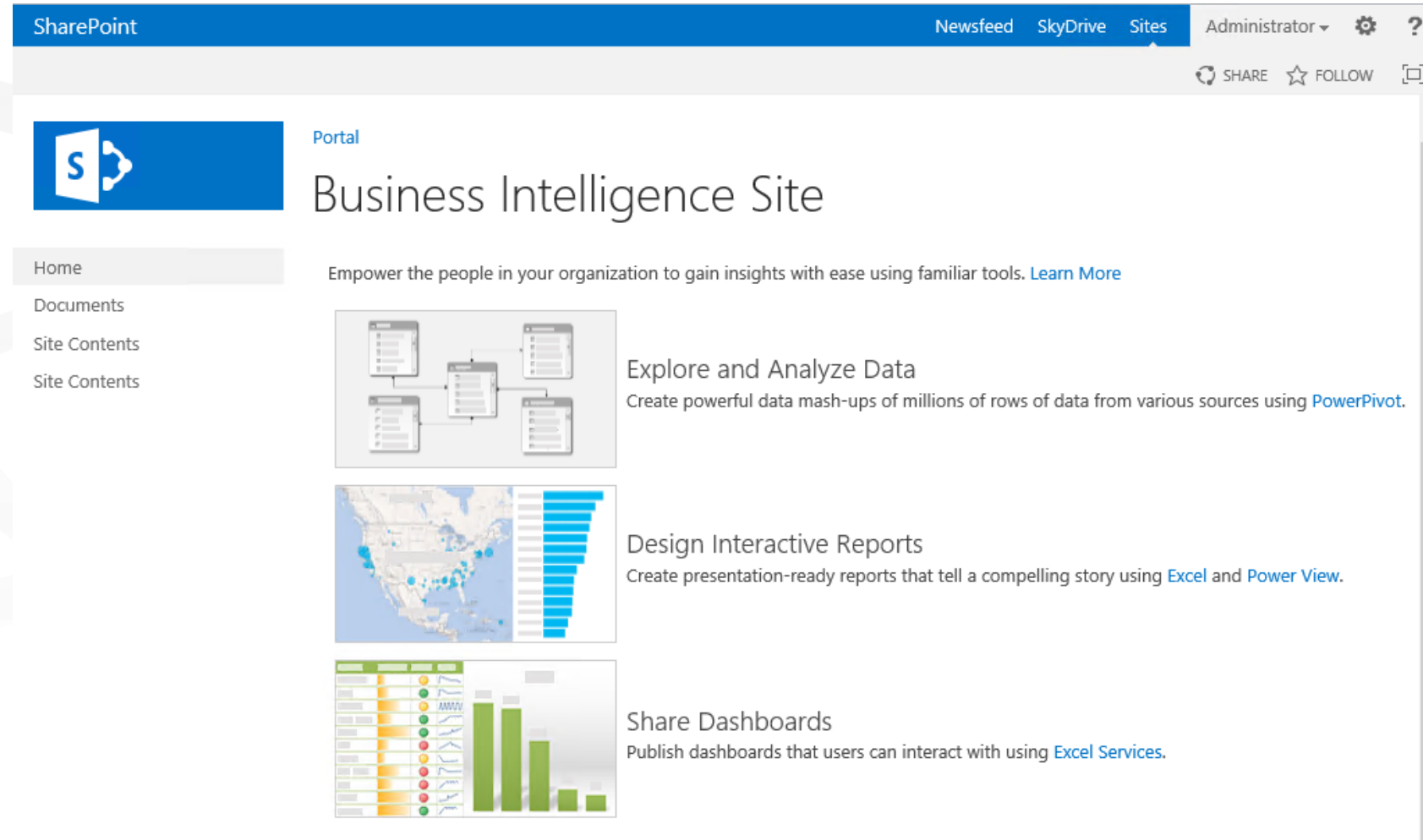
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SharePoint 2013



# New BI Site, OData access from Excel, Mobile Access

- New Business Intelligence site
- Enhancements in Excel and PerformancePoint Services
- Support for viewing BI content on mobile and tablet devices such as Ipad
- Connect external data using OData providers in SharePoint or Office 365.



The screenshot displays the SharePoint Business Intelligence Site interface. At the top, a blue navigation bar contains the 'SharePoint' logo, 'Newsfeed', 'SkyDrive', and 'Sites' links. On the right side of this bar, there is a user profile for 'Administrator' with a dropdown arrow, a settings gear icon, and a help question mark icon. Below the navigation bar, a secondary bar includes 'SHARE', 'FOLLOW', and a window icon. The main content area features a 'Portal' header with the SharePoint logo and the title 'Business Intelligence Site'. A left-hand navigation pane lists 'Home' (highlighted), 'Documents', 'Site Contents', and 'Site Contents'. The main content area includes a sub-header 'Empower the people in your organization to gain insights with ease using familiar tools. [Learn More](#)'. Below this, three featured sections are presented: 1. 'Explore and Analyze Data' with a diagram of data sources and the text 'Create powerful data mash-ups of millions of rows of data from various sources using [PowerPivot](#).' 2. 'Design Interactive Reports' with a map of the United States and a bar chart, and the text 'Create presentation-ready reports that tell a compelling story using [Excel](#) and [Power View](#).' 3. 'Share Dashboards' with a dashboard image and the text 'Publish dashboards that users can interact with using [Excel Services](#).'

# Advanced BI capabilities in Excel and Excel Services

- Drill into data displayed in Excel Services reports
- Dashboards, better timeline controls, right click context menus,
- Ability to add, change, and remove items from rows, columns, values, and filters in PivotChart and PivotTable reports
- Publish workbooks that contain calculated measures and calculated members.

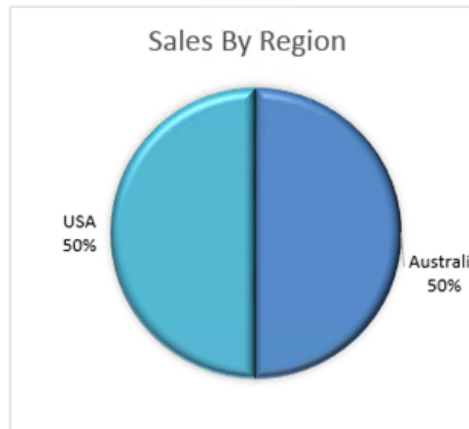
Business Intelligence Site > Excel Services Sample Workbook.xlsx

FILE X OPEN IN EXCEL DATA FIND


Item Name	
"Ready-To-Grow" Fe...	Brick Barbeque Set "...
Charcoal	Decorative Stones
Electric Hedge Clippers	Electric Push Lawn M...
Elegant Crystal Vase	Elegant Steel and Gl...



Sales Region	Purchase Amount
Australia	\$199.99
USA	\$199.99
Grand Total	\$399.98



Date	Price
1/1/2006	\$19.99
3/1/2006	\$16.71
6/1/2006	\$17.50
9/1/2006	\$18.30
12/1/2006	\$19.09
1/1/2007	\$19.88
3/1/2007	\$20.67
6/1/2007	\$21.46
9/1/2007	\$22.26
12/1/2007	\$23.05
1/1/2008	\$23.84
3/1/2008	\$24.63
6/1/2008	\$25.62
9/1/2008	\$23.05



Q & A

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