

# Office 2010 and SharePoint 2010

Just a few of the new features designed to bring these two closer than ever before



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# What this Covers:

- Overview
- SharePoint Workspace
- Backstage
- Visio 2010
- Access 2010

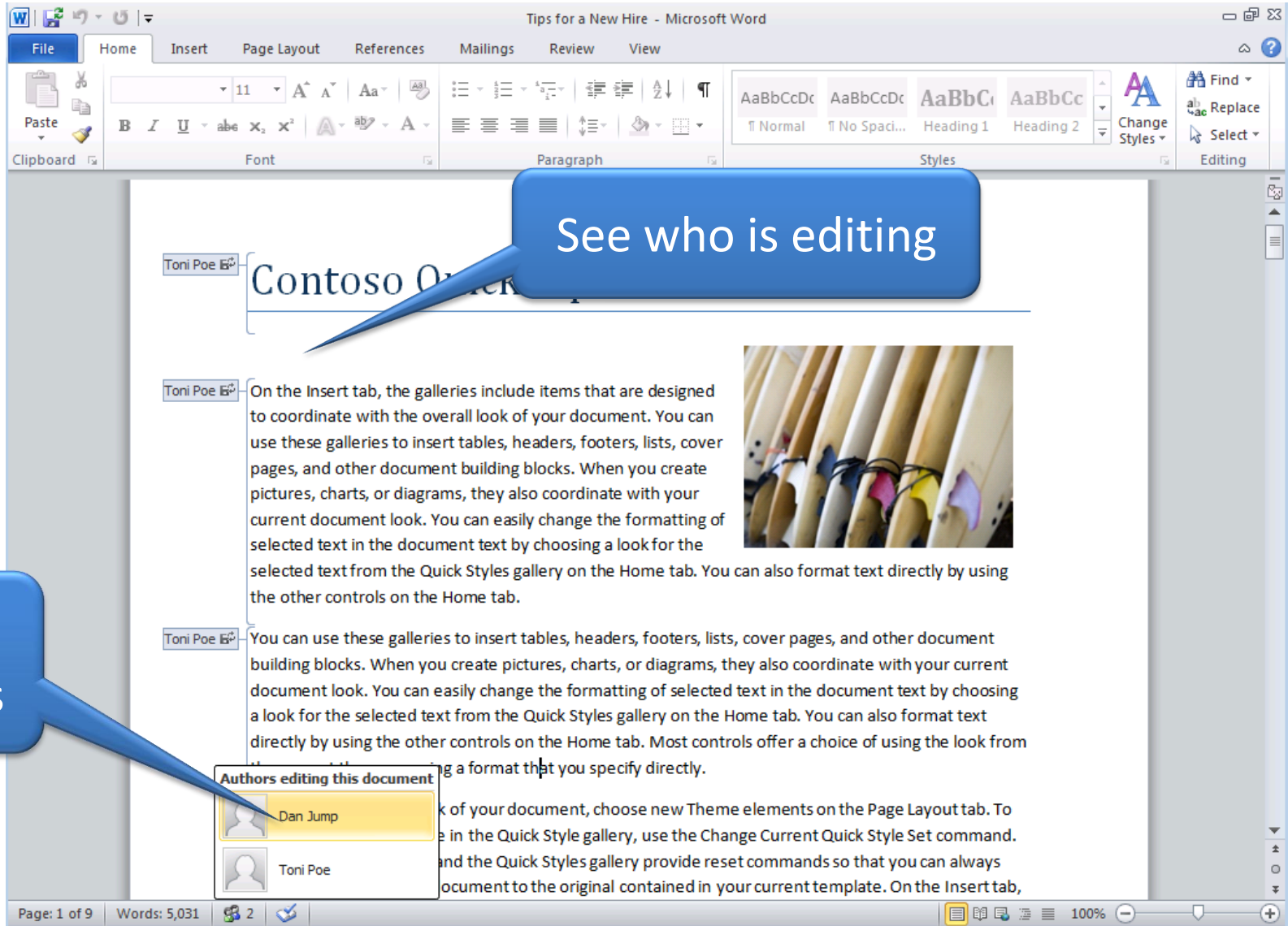


# Overview

- Impact of Open XML standardization process
  - Backwards compatibility with Office 2007 SP2
- Office Web Applications
- Macros
- Access databases
- OneNote & SharePoint Workspace
- 32 vs. 64 bit applications
- Office Business Applications
  - VBA
  - .NET managed code
  - Duet SAP integration
  - **Note:** VSTO runtime now shipping with 2010
- Ribbon customizations
- Security
- Volume license activation
- Reduced end user training impact



# Word 2010: Co-Authoring



See who is editing

List of Authors

**Authors editing this document**

- Dan Jump
- Toni Poe

# SharePoint Workspace



# Workspace 2010

- Replacement for current Groove functionality
- Workspace + SharePoint Designer = Full Thick Client Functionality for SharePoint!
- Benefits:
  - Work offline
  - Bulk data transfer



# Workspace 2010

- Sync to SharePoint Workspace
- Update SharePoint documents and lists when you're not connected

The screenshot shows the Microsoft SharePoint Workspace 2010 interface. The title bar reads "Contoso - Business Contacts - Microsoft SharePoint Workspace". The ribbon includes "File", "Home", "Sync", and "View". The "Home" ribbon has options like "New", "Delete", "Paste", "Cut", "Copy", "Copy as Link", "List View", "Expand All", "Collapse All", "Mark Read", "Mark Unread", "Track", "Set Alerts", "Previous Unread", "Next Unread", "Launchbar", and "Search". The "View" ribbon has "Go To". The main content area displays a list of business contacts with columns: CustomerID, FirstName, LastName, Street, City, State, and Phone. Below the list is a form for editing the selected contact (CustomerID: 1).

CustomerID	FirstName	LastName	Street	City	State	Phone	Email
1	Olivia	Shone	10 Main Street	Redmond	WA	4255551212	oshone@contoso.com
2	Arpan	Shah	20 Main Street	Redmond	WA	4255551212	arpan@contoso.com
3	Alina	Fu	30 Main Street	Redmond	WA	4255551212	alina@contoso.com
4	Jie	Li	60 Main Street	Redmond	WA	4255551212	jli@contoso.com
5	Tom	Rizzo	70 Main Street	Redmond	WA	4255551212	tomr@contoso.com

Below the list is a form for editing the selected contact (CustomerID: 1):

CustomerID	1
FirstName	Olivia
LastName	Shone
Street	10 Main Street
City	Redmond
State	WA
Phone	4255551212

Last synchronized 10/20/2009 2:48:37 PM

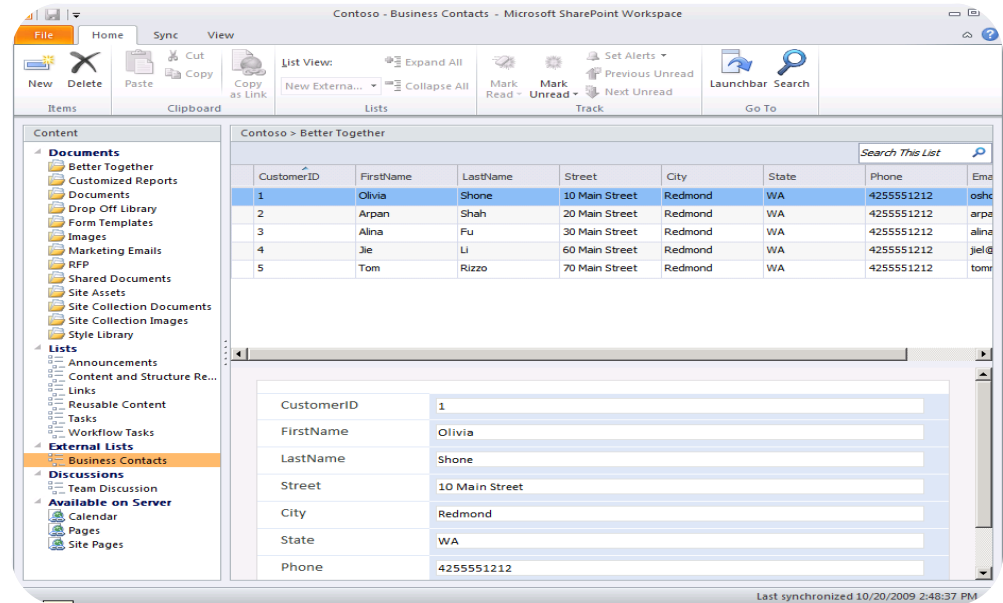
The screenshot shows the SharePoint 2010 Site Actions menu for a site named "Contoso - Home". The menu items are:

- New Site**: Create a site for a team or project.
- Edit Page**: Edit the contents of this page.
- Sync to SharePoint Workspace**: Create a synchronized copy of this site on your computer using SharePoint Workspace.
- Manage Content and Structure**: Reorganize content and structure in this site collection.
- View Site Content Reports**: View reports on documents, pages and tasks.
- Modify Navigation**: Change the navigation links in this site.
- New Page**: Create a page you can customize.
- View All Site Content**: View all libraries and lists in this site.
- Edit Site in SharePoint Designer**: Create and edit lists, pages, views, and workflows, or adjust settings.
- Site Workflows**: Start or check the status of site workflows.
- Site Settings**: Access all settings for this site.

# Limitations

- Does not work for:

- Calendars
- Resources
- Site Pages
- Site Assets
- Etc



- Takes up a great deal of hard drive space



# Backstage



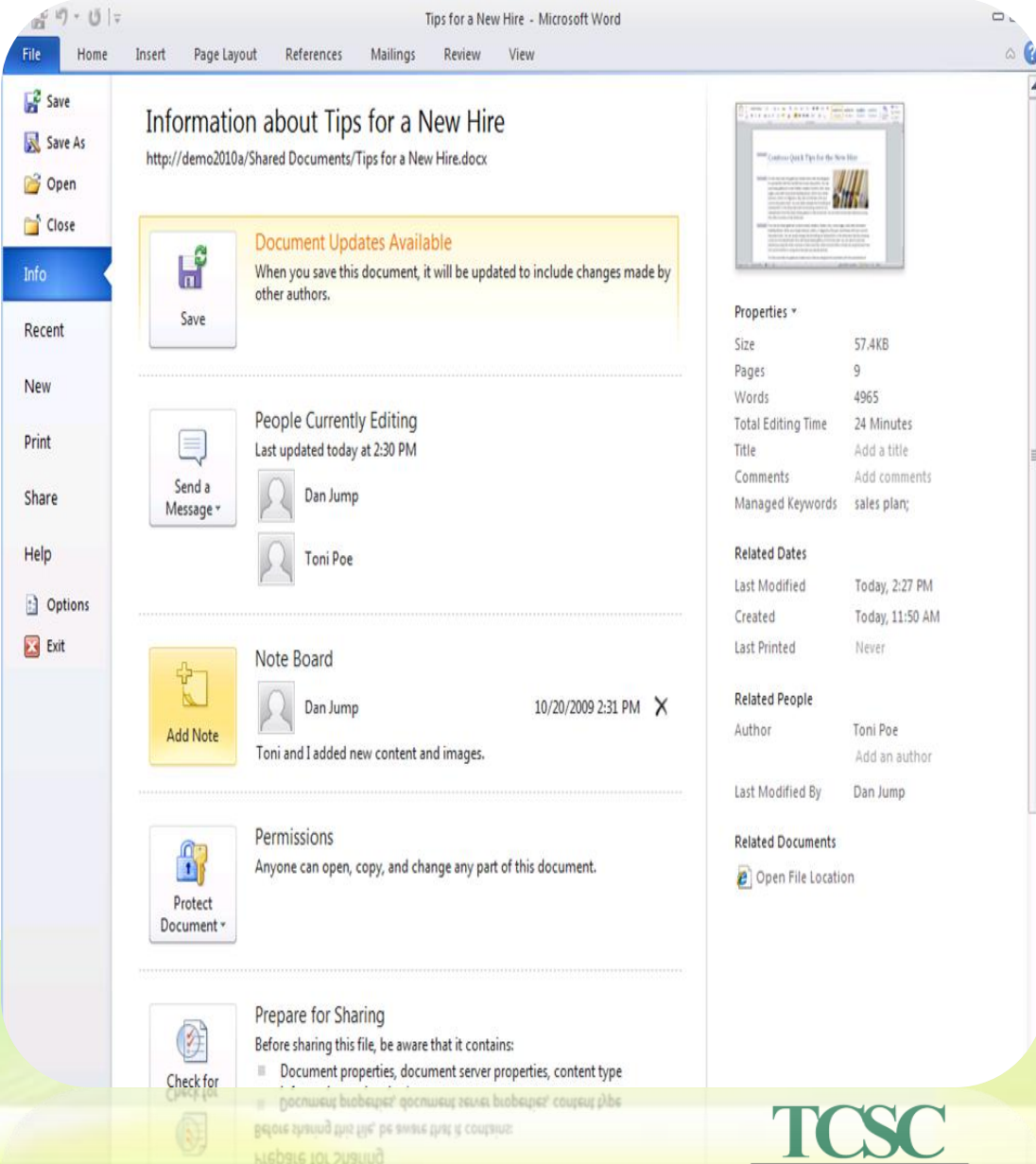
# Backstage

- New “landing” page for each Office file
- Quickly perform file level operations
- Simplifies most common file operations
- Slightly different per Office product



# Info

- People Currently Editing
- Send a Message
  - Email or IM
- Note Board
- Versions and Check-In/Out



The screenshot shows the Microsoft Word 2010 interface with the 'Info' pane open for a document titled 'Tips for a New Hire'. The document is shared at the URL <http://demo2010a/Shared Documents/Tips for a New Hire.docx>. The Info pane is divided into several sections:

- Document Updates Available:** A yellow box indicating that the document will be updated with changes from other authors upon saving.
- People Currently Editing:** Shows the document was last updated today at 2:30 PM by Dan Jump and Toni Poe.
- Note Board:** Shows a note added by Dan Jump on 10/20/2009 at 2:31 PM, stating 'Toni and I added new content and images.'
- Permissions:** Indicates that 'Anyone can open, copy, and change any part of this document.'
- Prepare for Sharing:** A section with a 'Check for' button, warning that the document contains document properties, document server properties, content type, and document content.

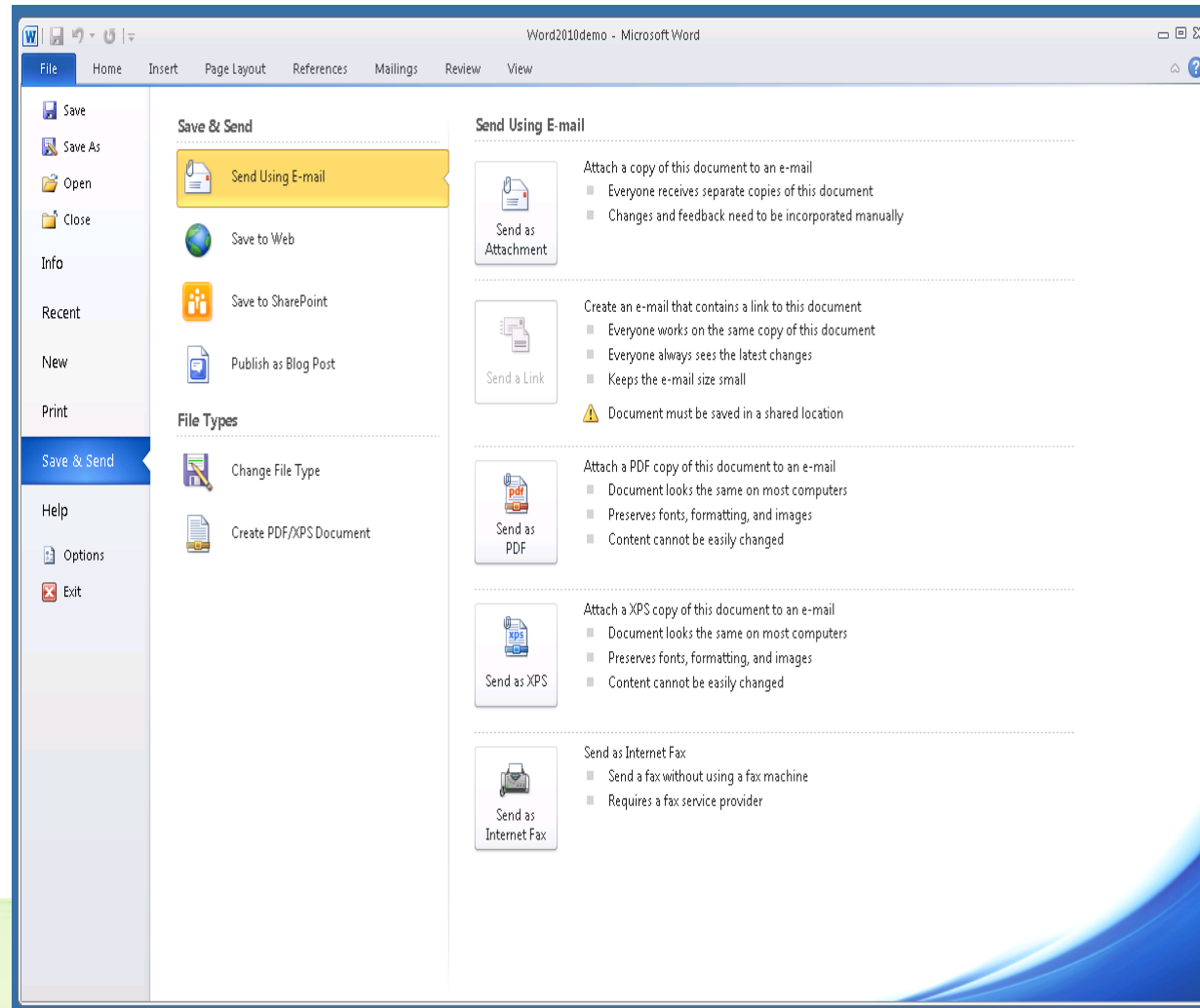
The right-hand side of the Info pane displays document properties:

Properties ▾	
Size	57,4KB
Pages	9
Words	4965
Total Editing Time	24 Minutes
Title	Add a title
Comments	Add comments
Managed Keywords	sales plan;
Related Dates	
Last Modified	Today, 2:27 PM
Created	Today, 11:50 AM
Last Printed	Never
Related People	
Author	Toni Poe Add an author
Last Modified By	Dan Jump
Related Documents	
Open File Location	



# Send

- Save to Web
- Save to SharePoint
- Publish to Blog
- Convert to PDF



# Visio 2010



# Visio Services Overview

## Share Diagrams in SharePoint

- Browser Agnostic
- Full fidelity experience **Silverlight**
- Down-level experience in **PNG**.

## Build Data-Driven Visualizations

- Visual refresh of diagrams connected to **SQL, Excel, SharePoint Lists** and **Custom Data Providers**

## Integrate with SharePoint Applications

- Visio Web Access web part
- Web Part Connections
- JavaScript API.



Data Center.vdw - Shared Documents - sunetserver1 - Windows Internet Explorer

http://sunetserver1/\_layouts/VisioWebAccess/VisioWebAccess.aspx?listguid=%7BD5D9142D%2DAD11%2D4823%2DBA1D%

File Edit View Favorites Tools Help

Team Site > Shared Documents : Data Center.vdw

Visio Web Access

Open in Visio Refresh Page-1 136%

Hotel Contoso > Data Warehouse

### Data Center

### Number of Customers

Country	Number of Customers
Australia	1
France	1
Germany	2
United Kingdom	2
United States	1

### Profit

Country	Profit
Australia	\$640
France	\$202
Germany	\$1,132
United Kingdom	\$1,099
United States	\$954

Announcements

Title	Modified
Holiday Party!	10/17/2009 1:29 PM
Server Maintenance Schedule updated!	10/17/2009 1:28 PM

Two yellow checkmarks are positioned to the right of the charts.

relevant data.

# Visio and Workflow

Site Actions Give Feedback System Account

Visio Services Demo ▶ Workflow Status: Approval - SharePoint 2010 I Like It Tags & Notes

Home ?

**Documents**  
Site Pages  
Shared Documents

**Lists**  
Calendar  
Tasks

**Discussions**  
Team Discussion

Recycle Bin  
 All Site Content

---

**Workflow Information**

**Initiator:** System Account      **Document:** Hover  
**Started:** 10/14/2009 10:45 PM      **Status:** In Progress  
**Last run:** 10/15/2009 10:51 PM

**Workflow Visualization**

Open in Visio 60%

```
graph LR; Start(( )) --> CDS1{Compare data source}; CDS1 -- No --> SWV1[Set workflow variable]; CDS1 -- Yes --> SWV2[Set workflow variable]; SWV1 --> SWV2; SWV2 --> AI[Assign item for approval]; AI --> End(( ))
```

Assign item for approval  
Started: 10/14/2009 10:45 PM  
Currently Assigned Tasks: 1

REDMOND, parida      Suneet Shah

▫ Add or update approvers of Approval  
▫ Cancel all Approval tasks

Local intranet | Protected Mode: Off 100%



# Access 2010



# New for SharePoint

- Improved linkage between Access and SharePoint
- Access Services 2010

Microsoft®  
**Access**® 2010



# Why use Access?

- Lots of data in SharePoint lists now
- Lists do not do referential integrity well
- Lists have size concerns



# Access gives you

Querying

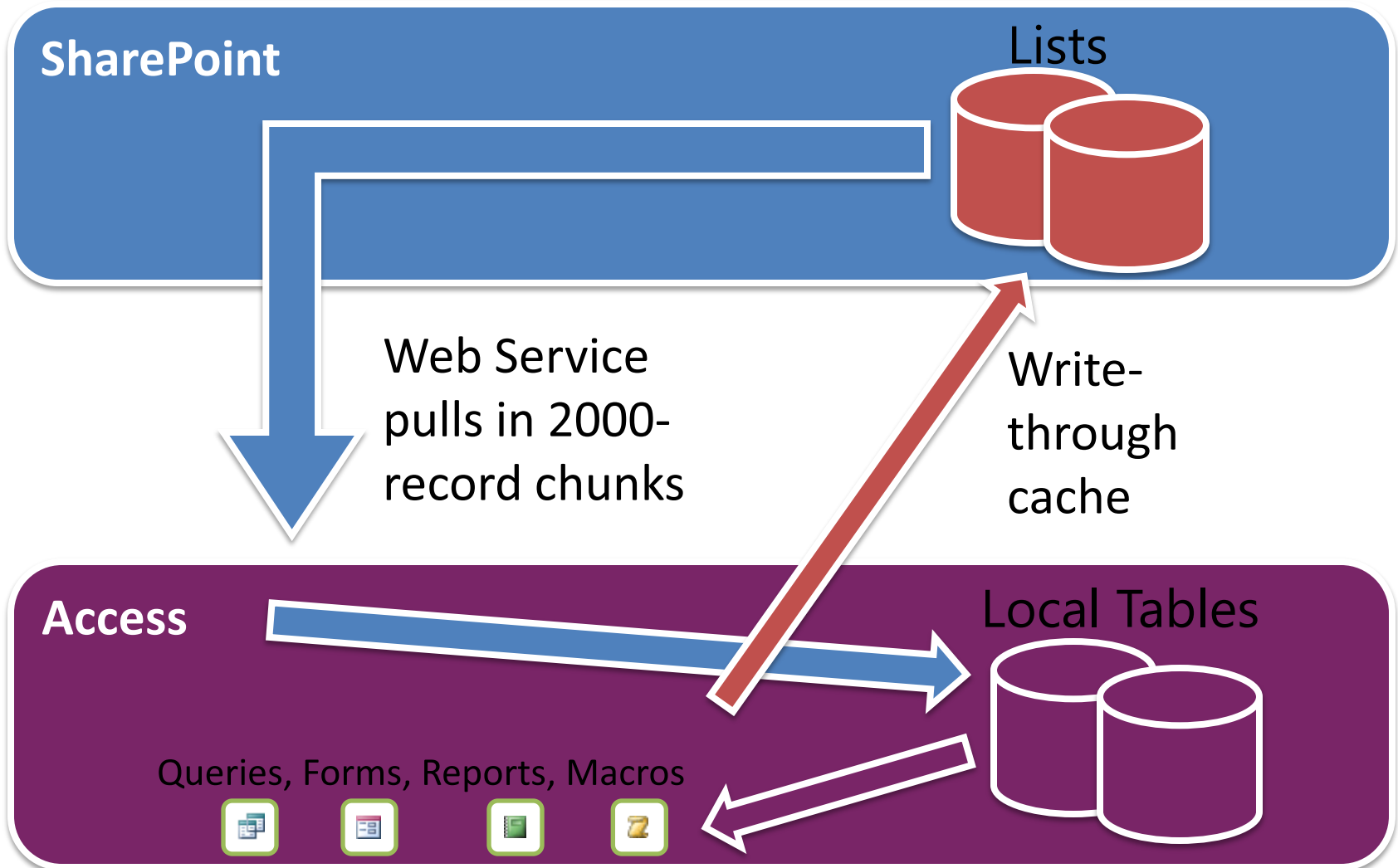
Caching

Formatting

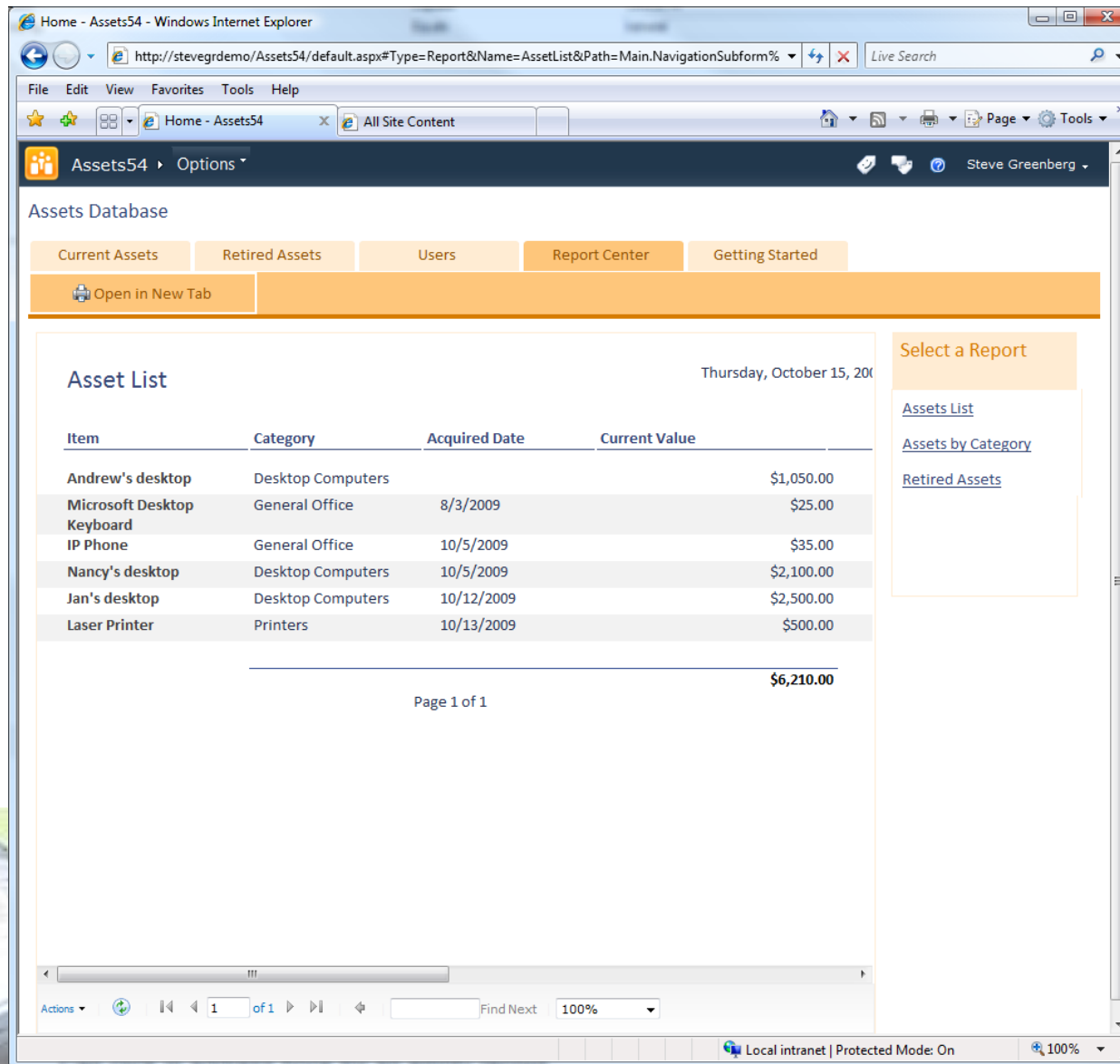
Reporting



# Access 2010: Fast connections to SharePoint



# Access reports in a web browser



The screenshot shows a Windows Internet Explorer browser window displaying the 'Assets Database' report. The browser's address bar shows the URL: `http://stevegrdemo/Assets54/default.aspx#Type=Report&Name=AssetList&Path=Main.NavigationSubform%`. The page title is 'Assets Database' and the user is logged in as 'Steve Greenberg'. The navigation menu includes 'Current Assets', 'Retired Assets', 'Users', 'Report Center', and 'Getting Started'. The 'Report Center' tab is active, and a sub-menu is open showing 'Assets List', 'Assets by Category', and 'Retired Assets'. The main content area displays an 'Asset List' table with the following data:

Item	Category	Acquired Date	Current Value
Andrew's desktop	Desktop Computers		\$1,050.00
Microsoft Desktop Keyboard	General Office	8/3/2009	\$25.00
IP Phone	General Office	10/5/2009	\$35.00
Nancy's desktop	Desktop Computers	10/5/2009	\$2,100.00
Jan's desktop	Desktop Computers	10/12/2009	\$2,500.00
Laser Printer	Printers	10/13/2009	\$500.00
			<b>\$6,210.00</b>

Below the table, it indicates 'Page 1 of 1'. The browser's status bar at the bottom shows 'Local intranet | Protected Mode: On' and a zoom level of 100%.

# Why Not Access?

- Not cool enough?
- Access fills too small of a gap between non-technical users and developers?
- Governance:
  - Hard to control who is using it
  - Potential for hundreds of unmanaged applications
  - Concern with multiple databases = no single truth



# Demos



# Org Chart Data Query

```
SELECT upf.recordid, upf.NTName, upf.preferredName, upf.Email, upf.Manager,  
       Prop1.Department, Prop2.Phone, Prop3.Title  
FROM userprofile_full upf  
LEFT JOIN ( select propertyval as 'Department', recordid from userprofilevalue upv1  
            JOIN propertylist pl on pl.propertyid=upv1.propertyid  
            where pl.propertyname like 'Department' )  
as Prop1 on Prop1.recordid = upf.recordid  
LEFT JOIN ( select propertyval as 'Phone', recordid from userprofilevalue upv1 JOIN  
            propertylist pl on pl.propertyid=upv1.propertyid  
            where pl.propertyname like 'WorkPhone' )  
as Prop2 on Prop2.recordid = upf.recordid  
LEFT JOIN ( select propertyval as 'Title', recordid from userprofilevalue upv1 JOIN  
            propertylist pl on pl.propertyid=upv1.propertyid  
            where pl.propertyname like 'Title' )  
as Prop3 on Prop3.recordid = upf.recordid
```

