UC BERKELEY IST

# CalShare (SharePoint 2010)

## Collaboration powered by You

Presented by
Michael Leefers

# Michael Leefers

## IST-IS-Enterprise Windows Team

## Other Service Offerings

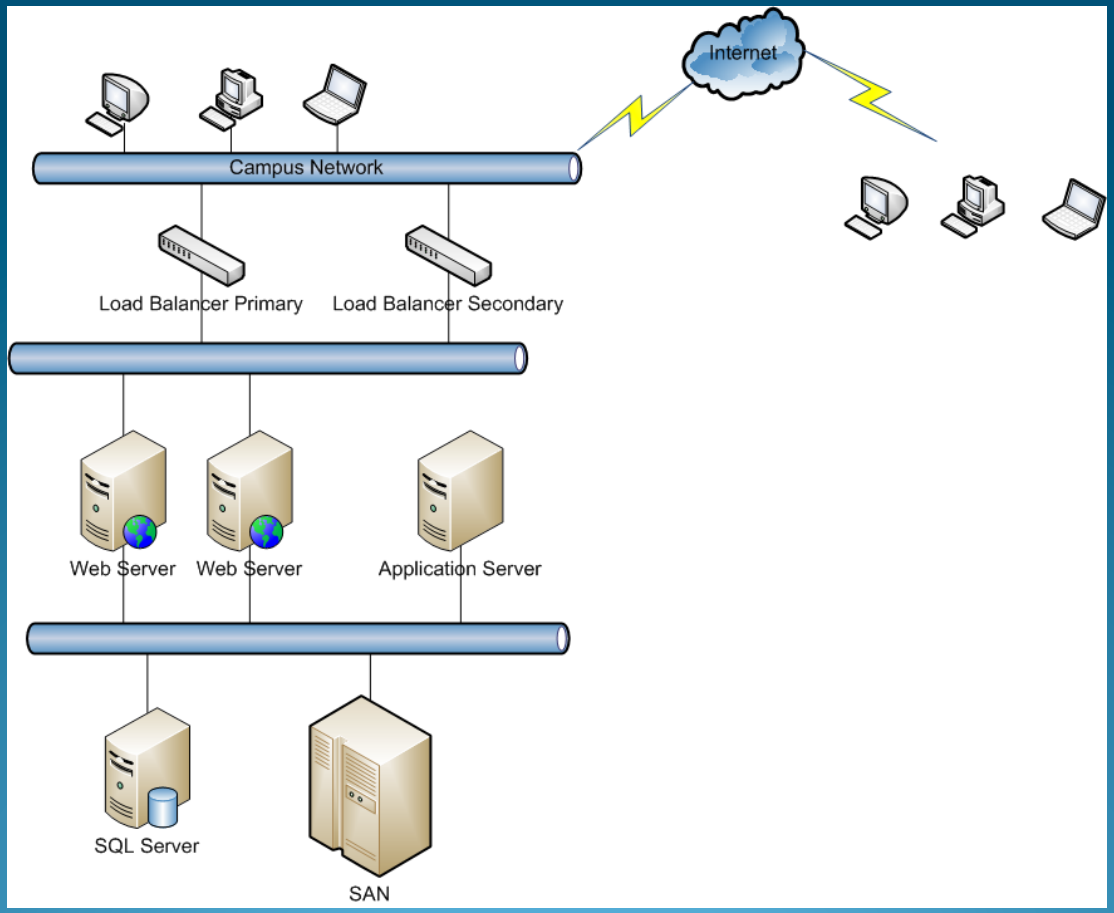
- CalShare
- CalNet Active Directory
- CalnetPKI
- Virtual Private Servers
- Physical Servers
- System Administration

- WSUS
- CalWeb IIS
- Windows Web Farm
- Windows Web Farm ColdFusion

# Topics

- Environment
- Authentication
- Browser Support
- Features
- Mac Users
- Resources
- Questions

# Environment



# Environment

- Web Servers are Windows 2008 64 Bit R2
- Application Server is Windows 2008 64 Bit R2
- SQL Server is Windows 2008 64 Bit R2
- SQL 2008

# Authentication

- CalShare currently uses CalNet Accounts and pvt-accounts created in CalNetAD.
- Integrated Authentication is support for Domain Joined PC's (IE and Firefox)
- Basic Authentication over SSL is support for everyone.

# Browser Support

| Browser | Supported | Supported with limitations | Not tested |
|---|---|---|---|
| Internet Explorer 9 (32-bit) | X | | |
| Internet Explorer 8 (32-bit) | X | | |
| Internet Explorer 7 (32-bit) | X | | |
| Internet Explorer 9 (64-bit) | | X | |
| Internet Explorer 8 (64-bit) | | X | |
| Internet Explorer 7 (64-bit) | | X | |
| Internet Explorer 6 (32-bit) | | | X |
| Mozilla Firefox 3.6 (on Windows operating systems) | | X | |
| Mozilla Firefox 3.6 (on non-Windows operating systems) | | X | |
| Safari 4.04 (on non-Windows operating systems) | | X | |

* Supported browser data pulled from http://technet.microsoft.com/en-us/library/cc263526.aspx Last modified May 12, 2010. Detailed list of limitations for browser and OS platforms are also available at the link provided above.

# Features

- Improved User experience for non IE / Windows users
- Built in WYSIWYG that supports Mac and Windows.
- Redesigned User Interface i.e. The Ribbon
- Improved Security (Sandbox Solutions)
- Improved performance
- Easier Site  customization
- Sites, Blogs, Wikis, Lists, InfoPath
- Workflows
- Office Web Application Support
- Access Services
- Office Integration
- My Site
- Developer Dash Board
- Improved Web Analytics
- Search, Versioning, Alerts
- BDC (Business Data Connector)

# Features continued

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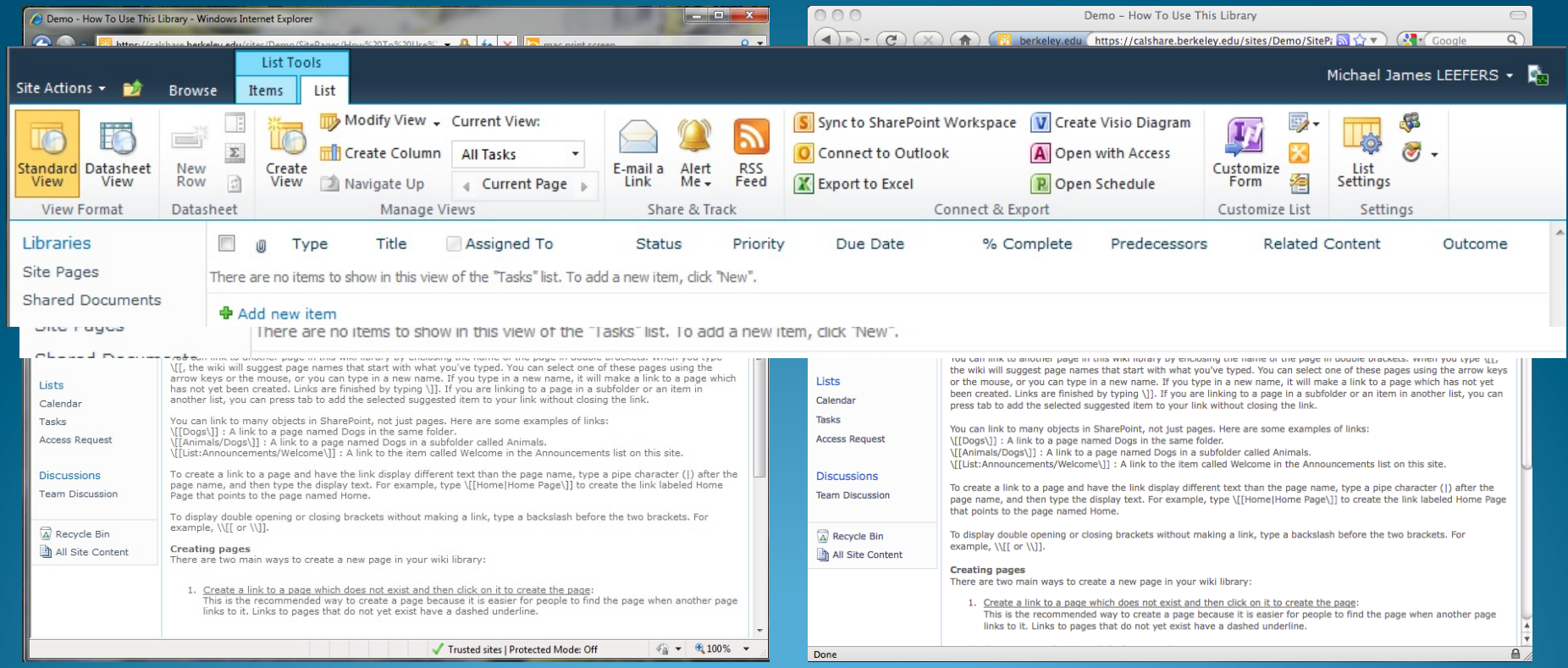


# Features continued

- Security configurable at Site, Library and Item levels.
- Improved Security (Sandbox Solutions)

  SharePoint 2010 also introduces a notion of *sandbox solution packages* that are designed to improve security and manageability. Sandbox solution packages restrict the scope to which a customization can be applied (For example, restricting the scope for a list customization to site collection). Sandbox solutions are also restricted to a subset of SharePoint programmability options. Finally, administrators can enforce quote limits on resources consumed by sandbox solutions to prevent abuse.

# Features continued

- Improved performance

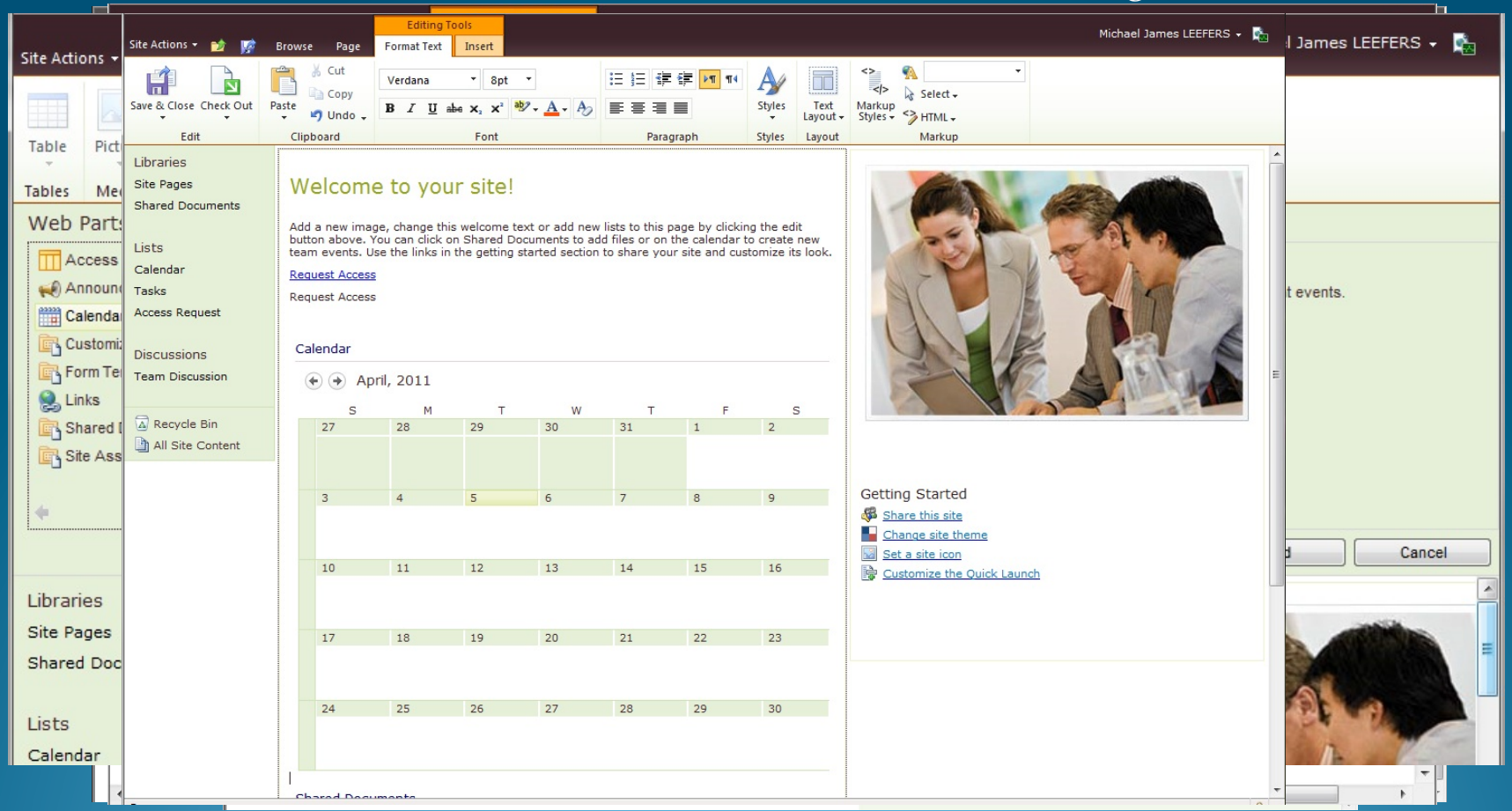
Microsoft has worked hard on this version to improve code responsiveness.

When upgrading from SharePoint 2007 to SharePoint 2010 the hardware and software infrastructure were significantly upgraded. Operating systems used on all server are now 64 bit, and the hardware used is several generations newer than what the SharePoint 2007 environment was on.

The implementation of RBS (Remote Blob Storage). This takes the files that had been uploaded into the SQL server and stores them instead on the file system. Now only pointers to the file exist in SQL helping improve performance. This also has an impact towards cost savings, since the files are no longer stored on expensive faster disks needed to support SQL, instead they are on a lower tear of storage.

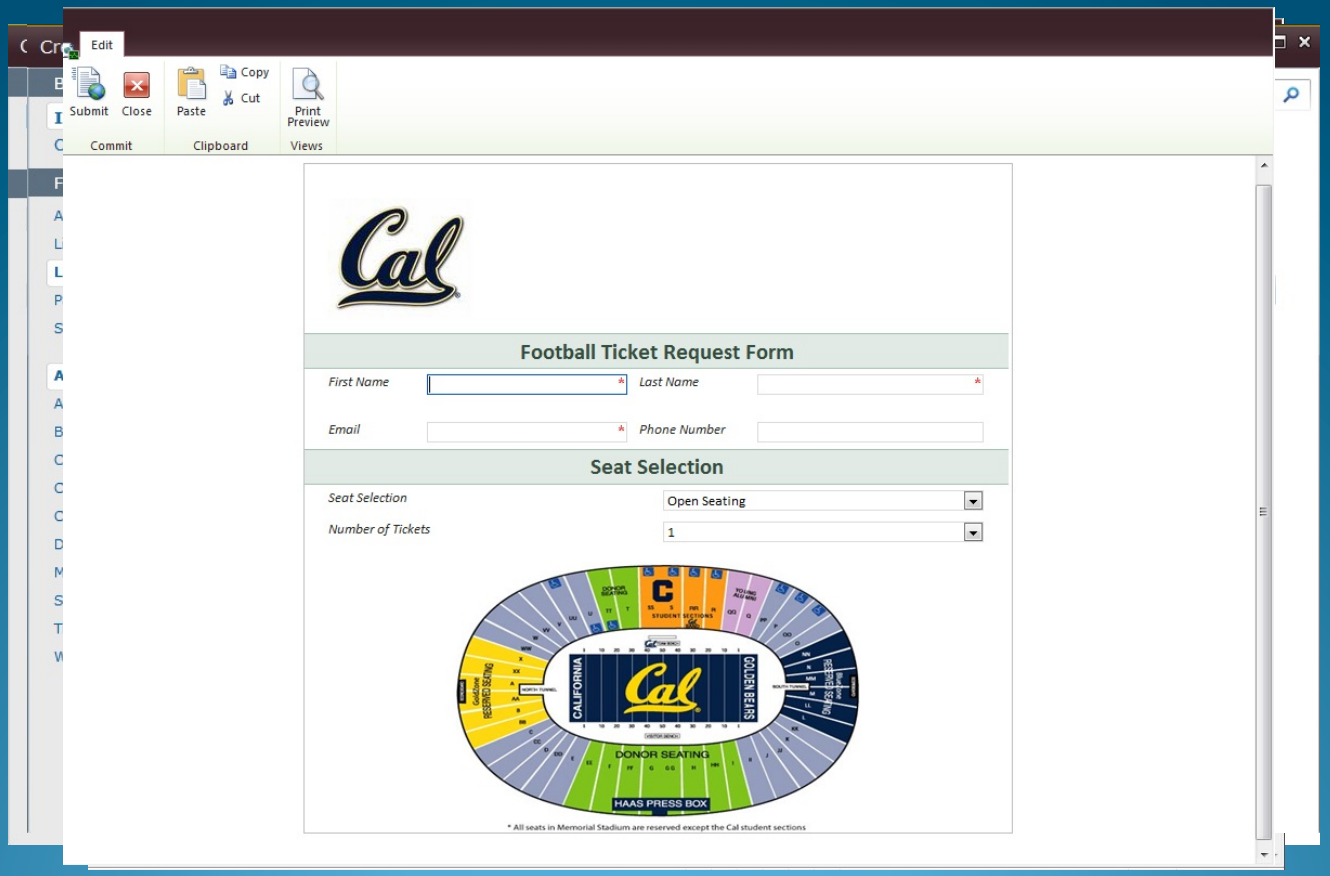
# Features continued

- Easier Site customization via the browser or SharePoint Designer 2010



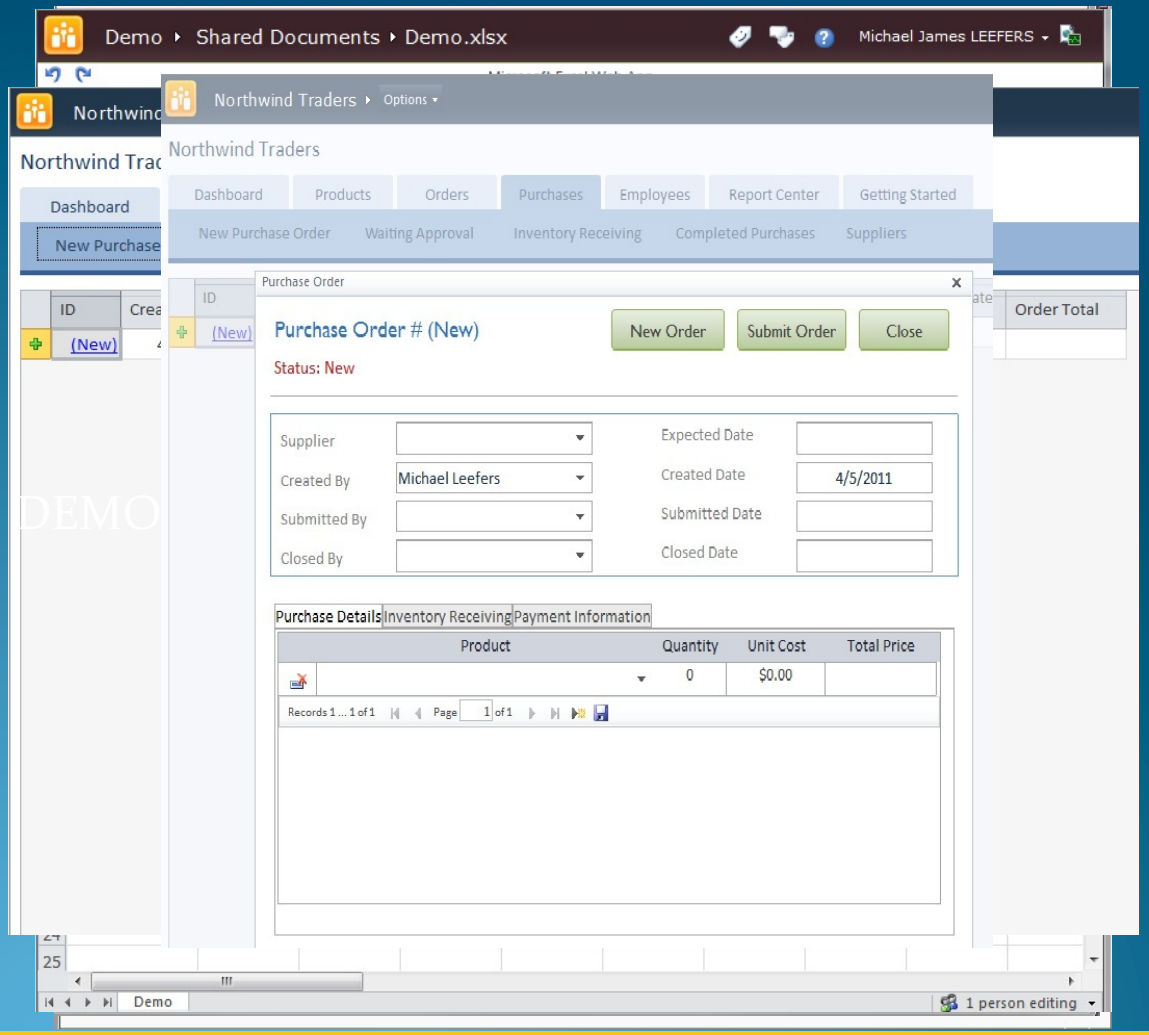
# Features continued

- Sites, Blogs, Wikis, Lists, InfoPath
- Workflows



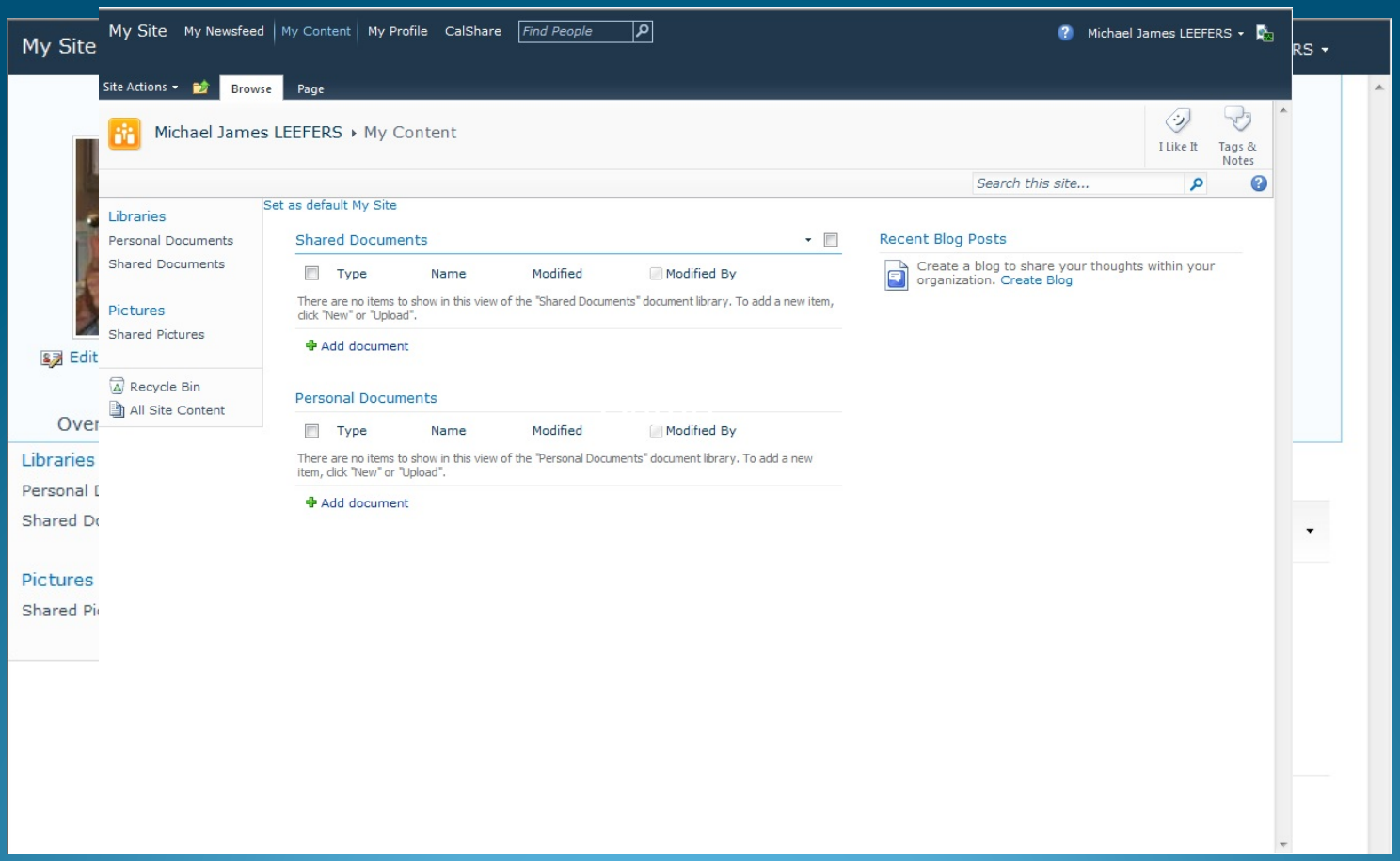
# Features continued

- Office Web Application Supports Office Word, Excel, PowerPoint and OneNote applications.
- Access Services
- Tighter integration with Office 2010 for Windows and Office 2011 for Mac.



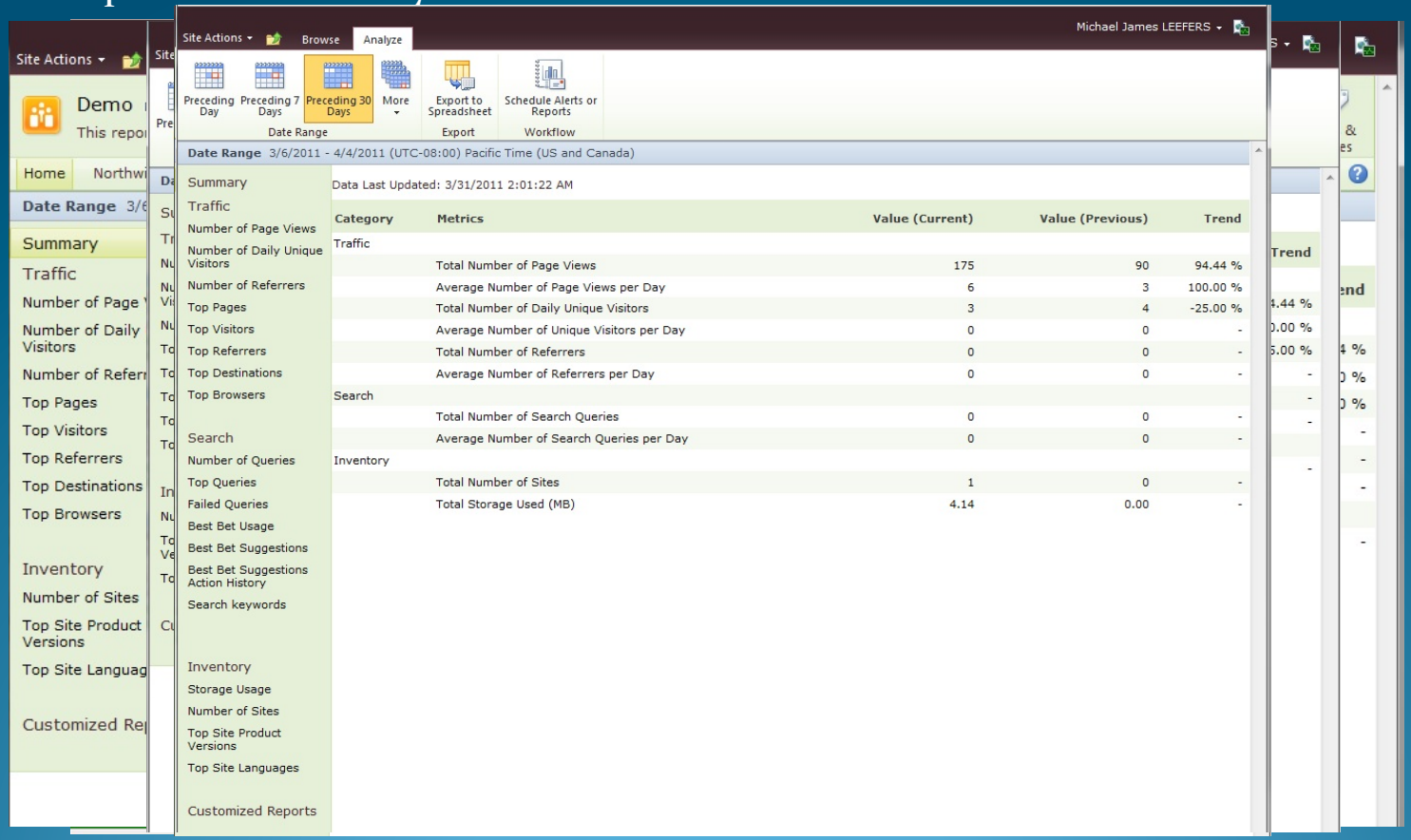
# Features continued

- My Sites



# Features continued

- Developer Dash Board
- Improved Web Analytics



# Features continued

- Search
- Versioning
- Alerts

DEMO

# Features continued

- BDC (Business Data Connector)

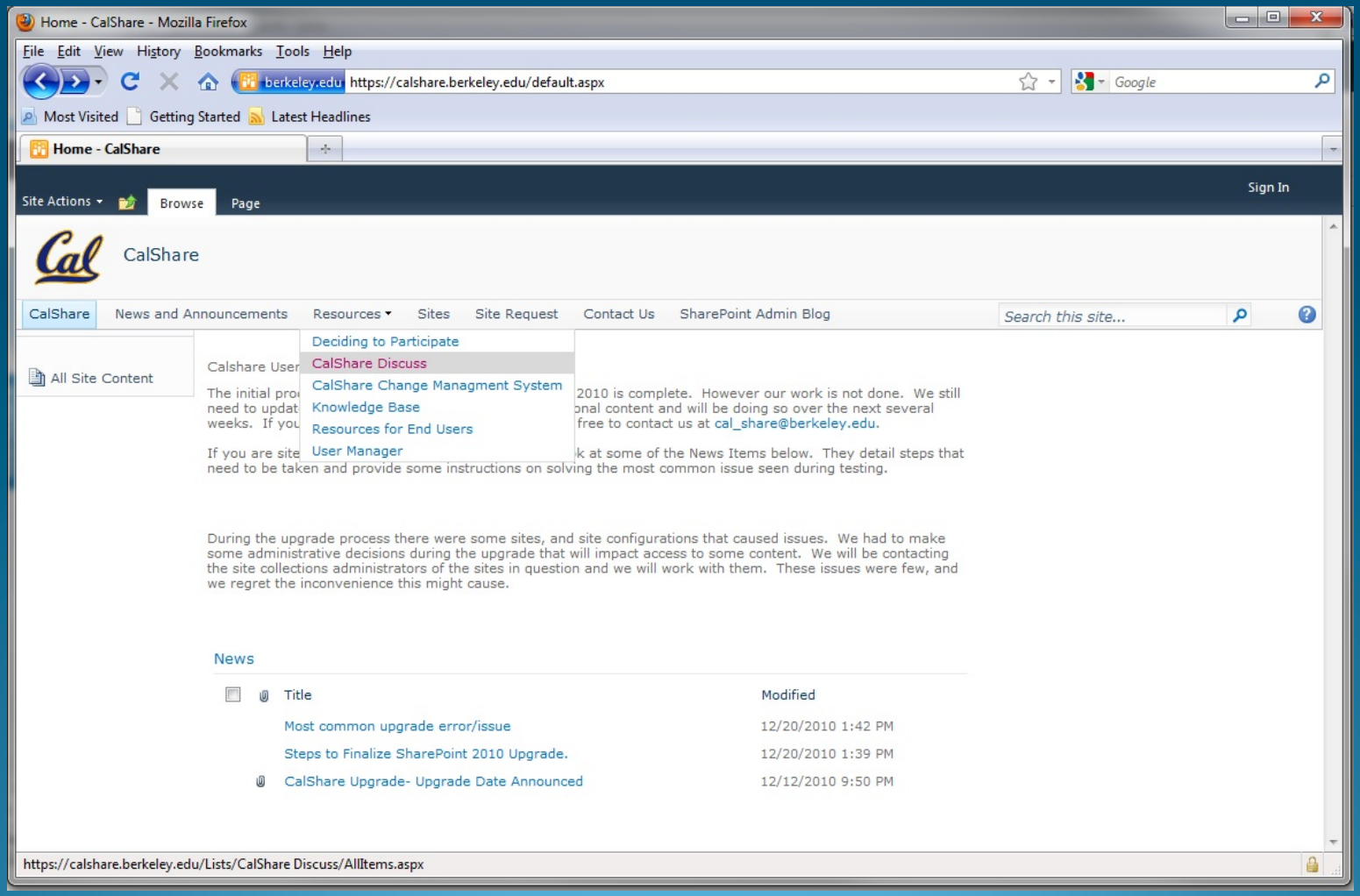
DEMO

# Mac Users

- WebDav Support – While the default finder on the Mac does not work with SharePoint. Using the command line to copy files does work, or take a look at product called CyberDuck which several Mac users have recommended to us for a gui webdav client. https://calshare.berkeley.edu/Lists/KB/DispForm.aspx?ID=23
- Office 2011 for Mac – Integrates with SharePoint 2010!

DEMO

# Resources


Home - CalShare - Mozilla Firefox
File Edit View History Bookmarks Tools Help
berkeley.edu https://calshare.berkeley.edu/default.aspx
Google
Most Visited Getting Started Latest Headlines
Home - CalShare
Site Actions Browse Page
Sign In
CalShare
CalShare News and Announcements Resources Sites Site Request Contact Us SharePoint Admin Blog
Search this site...
Deciding to Participate
CalShare Discuss
CalShare Change Managment System
Knowledge Base
Resources for End Users
User Manager
All Site Content
Calshare User
2010 is complete. However our work is not done. We still
onal content and will be doing so over the next several
free to contact us at cal_share@berkeley.edu.
k at some of the News Items below. They detail steps that
need to be taken and provide some instructions on solving the most common issue seen during testing.
During the upgrade process there were some sites, and site configurations that caused issues. We had to make some administrative decisions during the upgrade that will impact access to some content. We will be contacting the site collections administrators of the sites in question and we will work with them. These issues were few, and we regret the inconvenience this might cause.
News
Title
Modified
Most common upgrade error/issue
12/20/2010 1:42 PM
Steps to Finalize SharePoint 2010 Upgrade.
12/20/2010 1:39 PM
CalShare Upgrade- Upgrade Date Announced
12/12/2010 9:50 PM
https://calshare.berkeley.edu/Lists/CalShare Discuss/AllItems.aspx

# Resources

- Deciding to participate
- CalShare Discuss
- CalShare Change Management System
- Knowledge Base
- Resources for End Users
- User Manager

# Questions

# Links

https://calshare.berkeley.edu

https://calshare.berkeley.edu/Lists/Resources%20for%20End%20Users/AllItems.aspx

https://calshare.berkeley.edu/Lists/Site%20Collections/AllItems.aspx

https://calshare.berkeley.edu/Lists/Site%20Collection%20Administrators/AllItems.aspx