

Developing Social Applications with SharePoint 2010



Catapult Systems

Enabling Business Through Technology®

Matthew McDermott
Principal Consultant
SharePoint MVP

Microsoft
GOLD CERTIFIED
Partner

Why am I here?

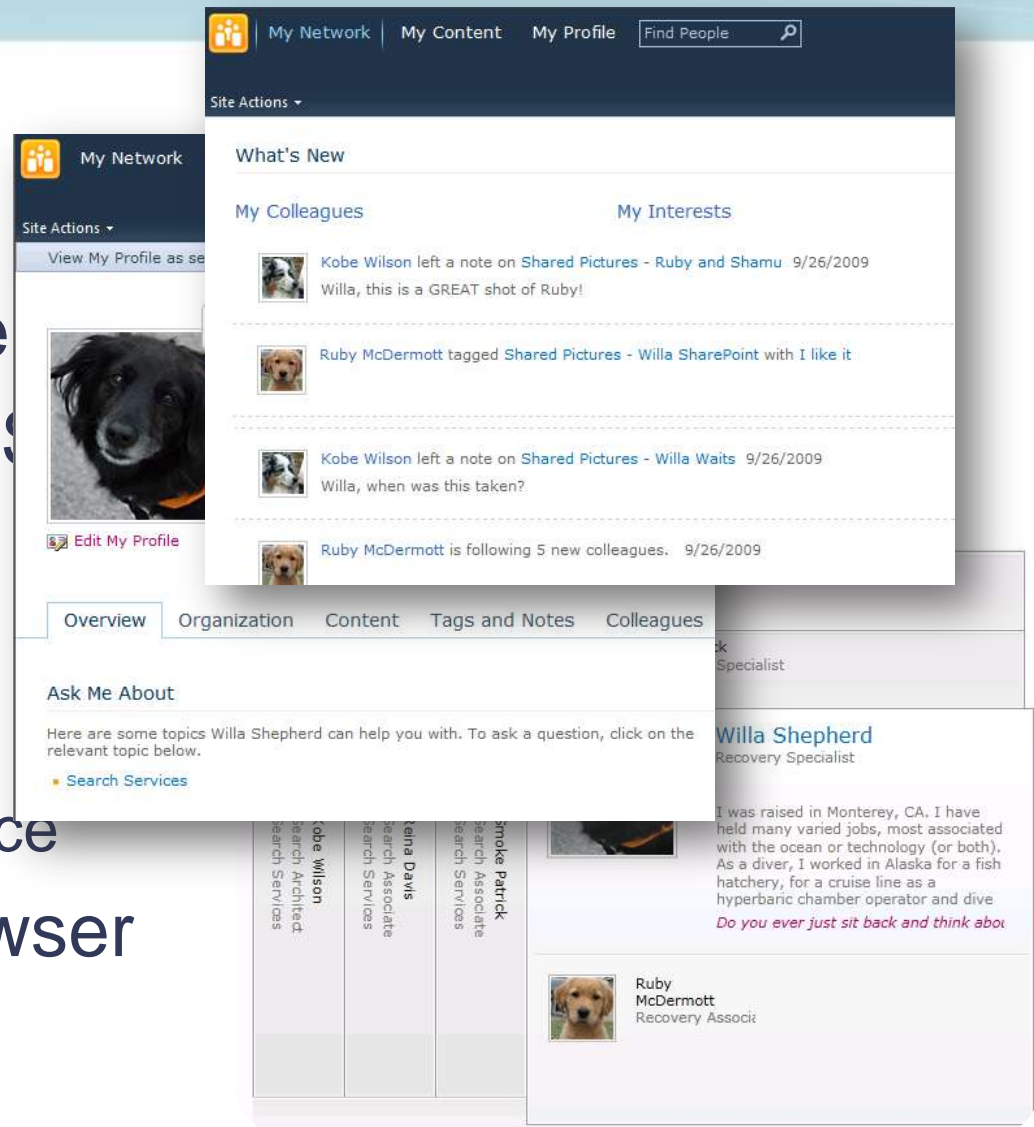
- SharePoint as the “corporate center”
- SharePoint as a platform
- Social Development is important!

“Social” is in high demand

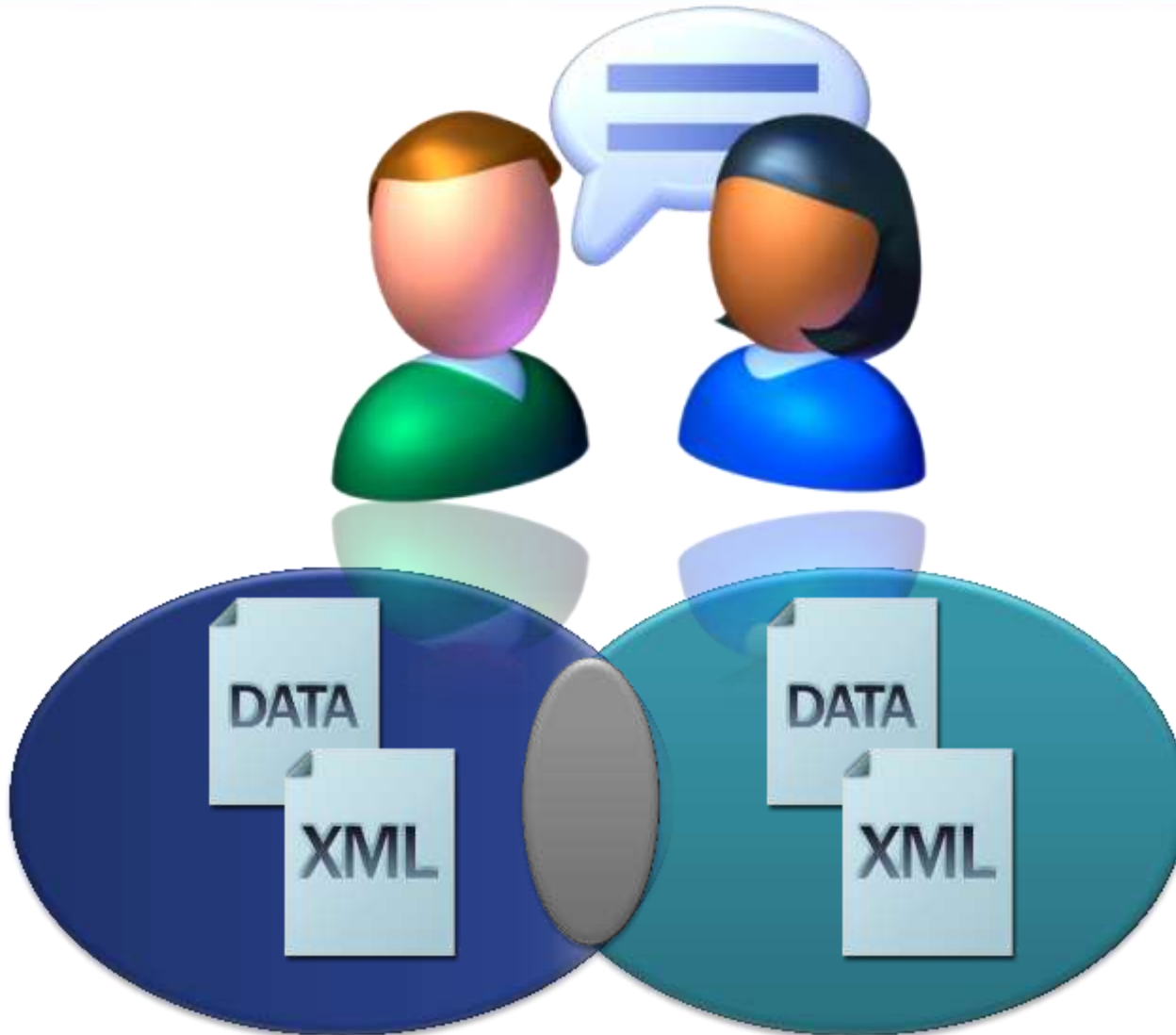
- Workforce is more Social savvy
- Social applications are easily adopted
- Employees expect to share
- Centralized Organic knowledge sharing
- Disconnected users need to access the collective knowledge

- Lists, Libraries, Alerts, etc.
- Blogs, Wikis, Workflow, Publishing
- My Site, Personalization, Audiences
- User Profile : People
- In Common: Viewer and Viewee
- Change Tracking: What has changed?
- Tagging, Rating, Comments, Activities
- Visual Studio 2010

- User Profiles
- Rich Object Mode
- User Profile Web S
- Social Data
 - Tags, Comments,
 - Activity Feed
 - Social Data Service
- Organization Browser



What does “Social” mean?



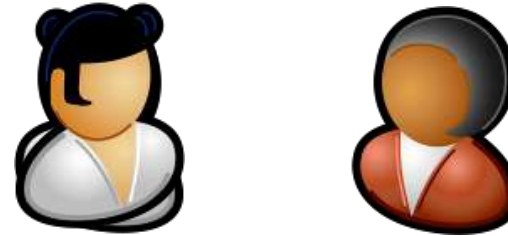
User Profile Service

Common
Manager

Manager



Me



Colleagues
Management



Common Data Change



User Information and Picture
User Profile Service

Common
Manager

Common
Colleagues

In Common

User Profile Service

demo

Building the application

User Information and Picture
User Profile Service

Photos and Blog
Personal Site Storage

Common
Manager

Common
Colleagues

In Common

Client Object Model

demo

Building the application

User Information and Picture
User Profile Service

Photos and Blog
Personal Site Storage

Recent Activities, Tags, & Notes
Social Data Service

Common
Manager

Common
Colleagues

In Common

Social Data Service

demo

Building the application

User Information and Picture
User Profile Service

Photos and Blog
Personal Site Storage

Recent Activities, Tags, & Notes
Social Data Service

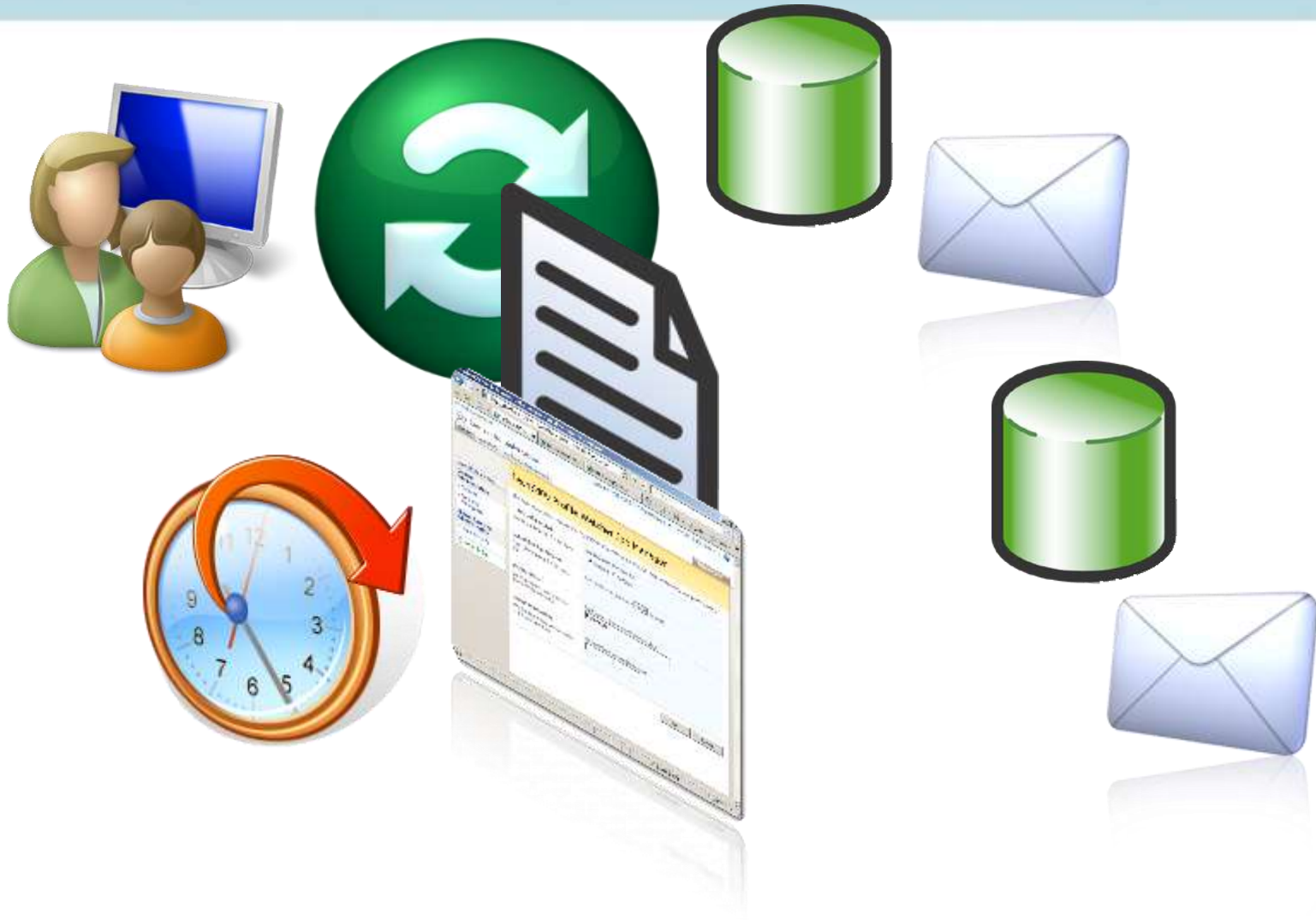
User Profile Change

Common
Manager

Common
Colleagues

In Common

Taking Action on Change



User Profile Change

demo

User Profile Change

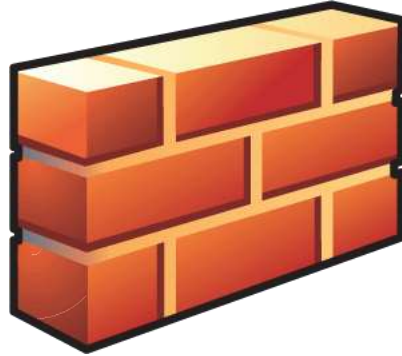
```
UserProfileChangeToken changeToken = new
    UserProfileChangeToken(tokenStart);

UserProfileChangeQuery changeQuery = new
    UserProfileChangeQuery(false, true);
changeQuery.ChangeTokenStart = changeToken;
changeQuery.UserProfile = true;
changeQuery.SingleValueProperty = true;

UserProfileChangeCollection changes =
    profileManager.GetChanges(changeQuery);

foreach (UserProfileChange change in changes)
{
    ...
}
```

Consuming external social data



Building the application

User Information and Picture
User Profile Service

Photos and Blog
Personal Site Storage

Recent Activities, Tags, & Notes
Social Data Service

User Profile Change

Common
Manager

Common
Colleagues

In Common

Twitter
Location
And Tweet

External
Reference from
User Profile

Outside Connections

demo

User Information and Picture
User Profile Service

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Common
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In Common

Twitter
Location
And Tweet

External
Reference from
User Profile

User Profile Change

Pulling it all together

demo

- Andrew Connell
 - www.andrewconnell.com
- Sahil Malik
 - blah.winsmarts.com
- Tim Heuer and Jessie Liberty
 - www.timheuer.com/blog
 - blogs.silverlight.net/blogs/jesseliberty
- Silverlight Twitter Map
 - earthware.cloudapp.net/demos/sltwittermap.aspx

- My Blog
 - blogs.catapultsystems.com/matthew
- SharePoint on Microsoft.com
 - sharepoint.microsoft.com
- Social Computing with SharePoint
 - sharepoint.microsoft.com/social

Questions?



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