

# Developing Social Applications with SharePoint 2010



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# Why am I here?

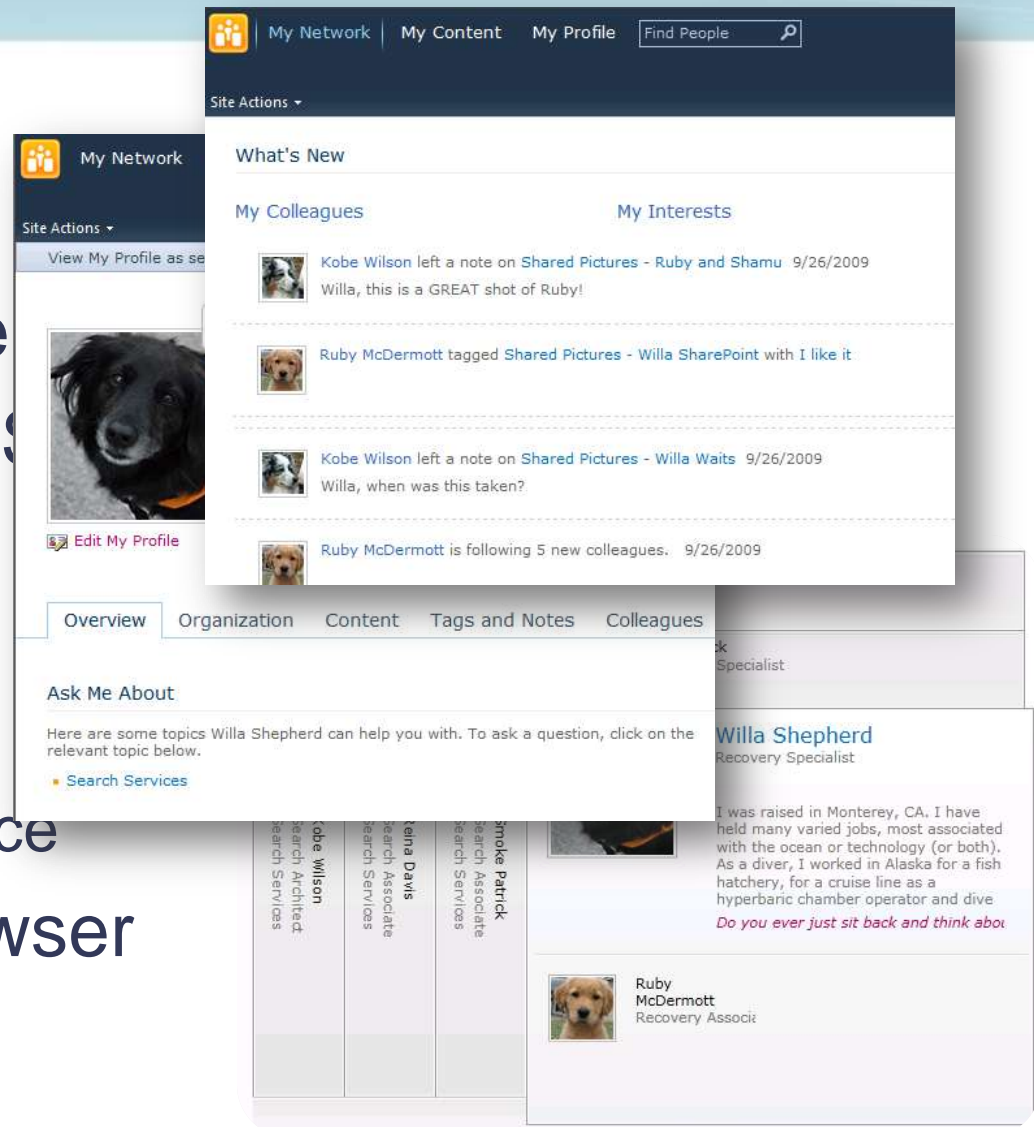
- SharePoint as the “corporate center”
- SharePoint as a platform
- Social Development is important!

# “Social” is in high demand

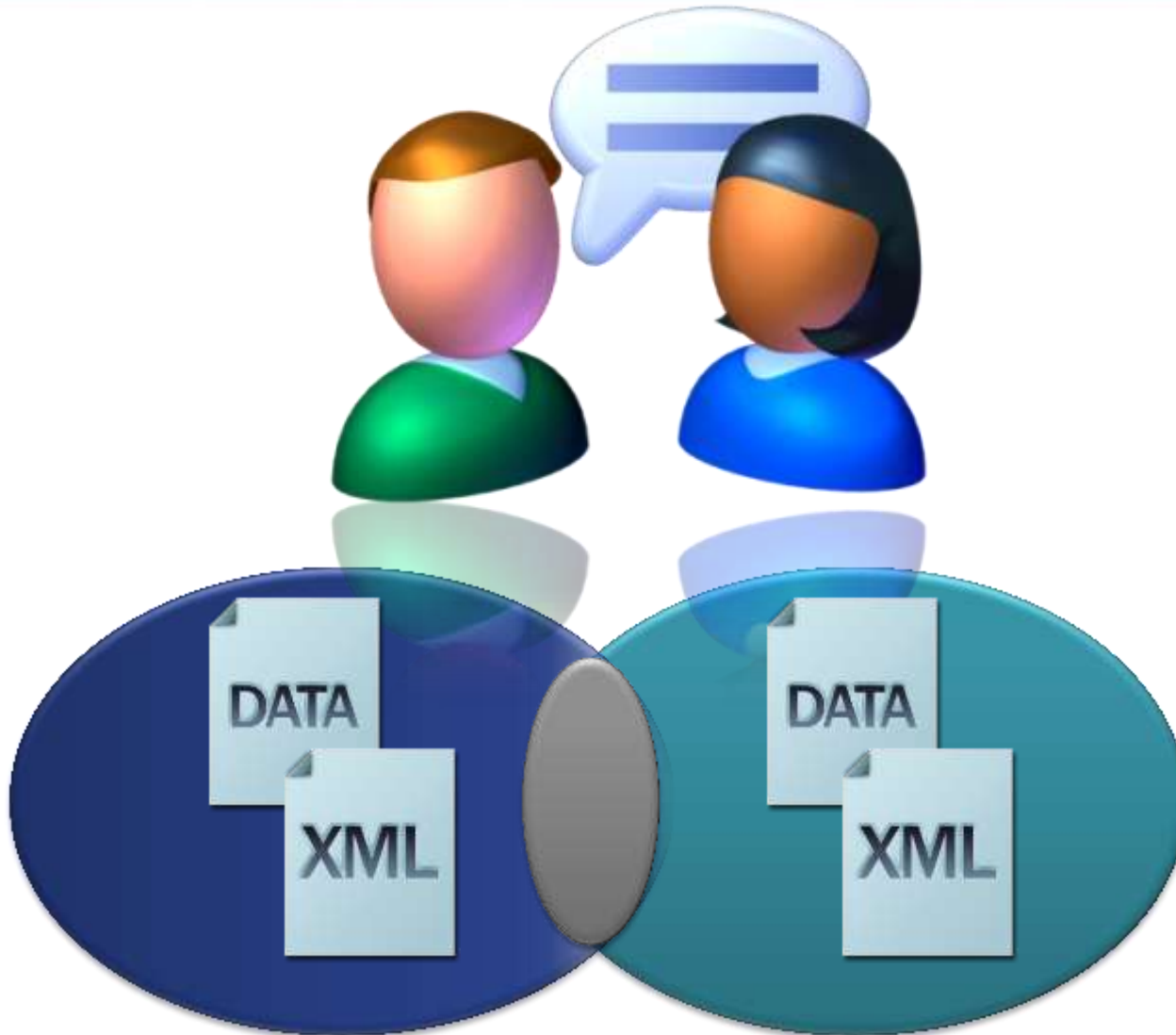
- Workforce is more Social savvy
- Social applications are easily adopted
- Employees expect to share
- Centralized Organic knowledge sharing
- Disconnected users need to access the collective knowledge

- 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?



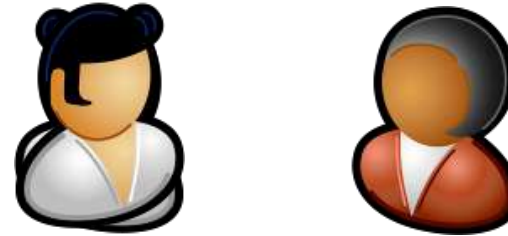
# User Profile Service

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  
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Personal Site Storage

Recent Activities, Tags, & Notes  
Social Data Service

Common  
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# Social Data Service

*demo*

# Building the application

User Information and Picture  
User Profile Service

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Social Data Service

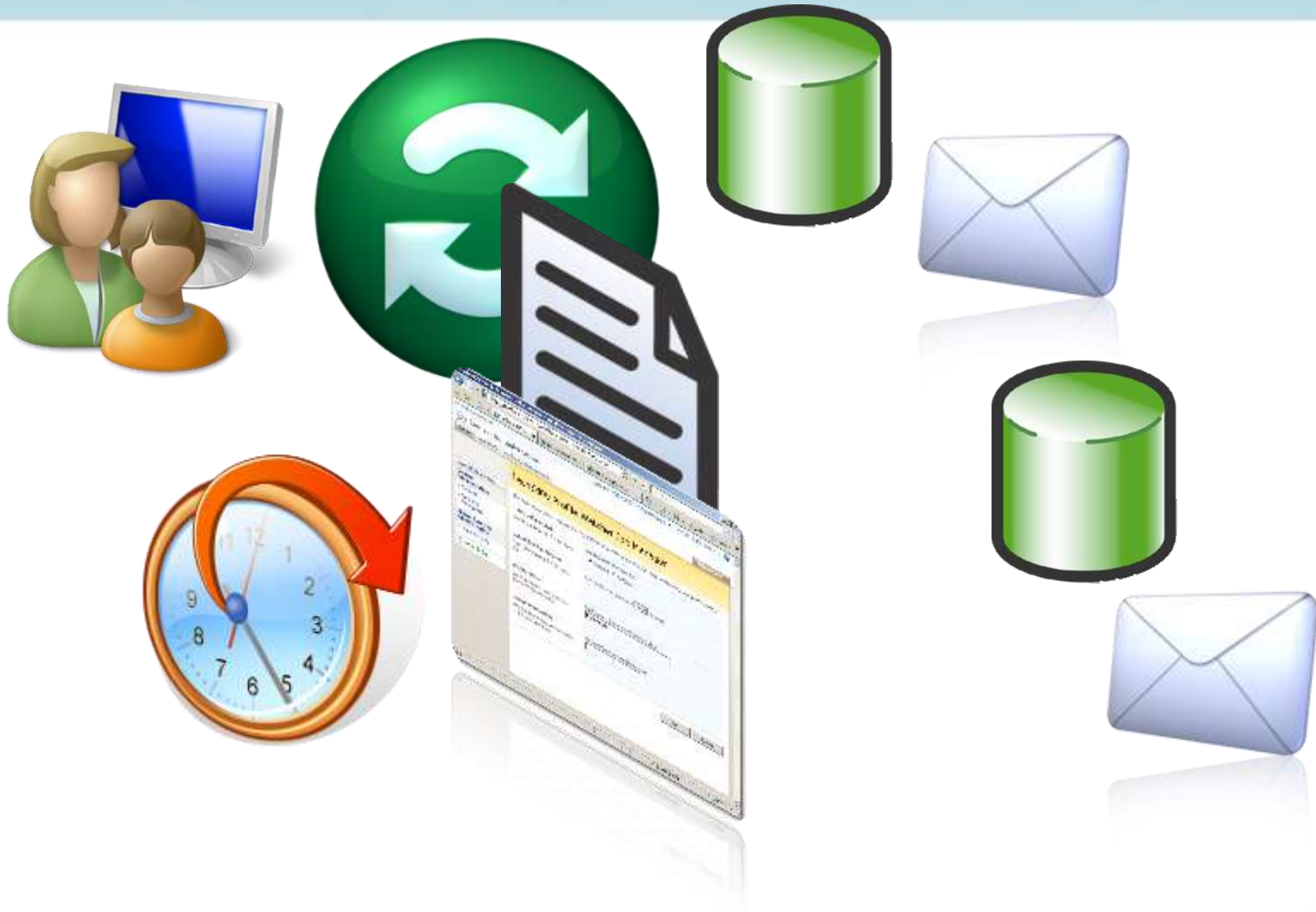
User Profile Change

Common  
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Common  
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In Common

# Taking Action on Change



# User Profile Change

*demo*

# User Profile Change

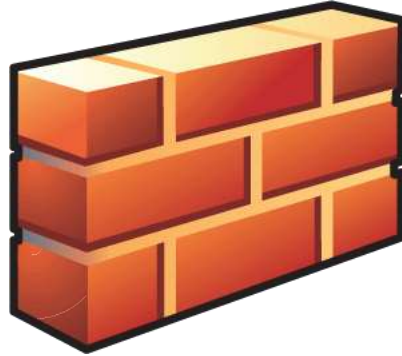
```
UserProfileChangeToken changeToken = new
    UserProfileChangeToken(tokenStart);

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



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*

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And Tweet

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User Profile

User Profile Change

# Pulling it all together

*demo*

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

- My Blog
  - [blogs.catapultsystems.com/matthew](https://blogs.catapultsystems.com/matthew)
- SharePoint on Microsoft.com
  - [sharepoint.microsoft.com](https://sharepoint.microsoft.com)
- Social Computing with SharePoint
  - [sharepoint.microsoft.com/social](https://sharepoint.microsoft.com/social)

# Questions?



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